AFL

Product Catalogue

TERRESTRIAL LOOSE TUBE OPTICAL FIBRE CABLE

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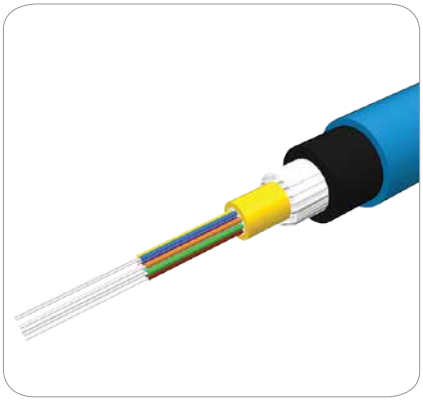
AFL's portfolio of fibre optic cable products is unmatched. With AFL, it always begins with quality products. Since the first use of fibre optics, AFL has led the way with innovative cable products that deliver exceptional solutions for our customers. Our robust product line is now in service in over 100 countries around the world. Our manufacturing facility in Tottenham, Victoria produces a wide variety of products to suit an extensive range of applications.

AFL's loose tube fibre optic cable is available in armoured and non-armoured configurations with various outer jackets to withstand a range of environmental conditions. Loose tube is a commonly used fibre optic cable that is well-suited for aerial lashed and direct bury installations. The abrasion-resistant sheath material and robust construction make it ideal for conduit pulls between buildings. For those applications requiring a more robust design whereby the cable can withstand harsh chemical exposure or extreme temperatures, AFL's loose tube cable family has an option to meet your special environmental requirements.

Table of Contents



Mini Axial Loose Tube Optical Fibre Cable

Axial loose tube cable comprising up to 12 optical fibres contained in a jelly filled loose tube strengthened with flexible non-metallic armour bonded to a polyethylene (PE) sheath and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LQD1**PA0††BE

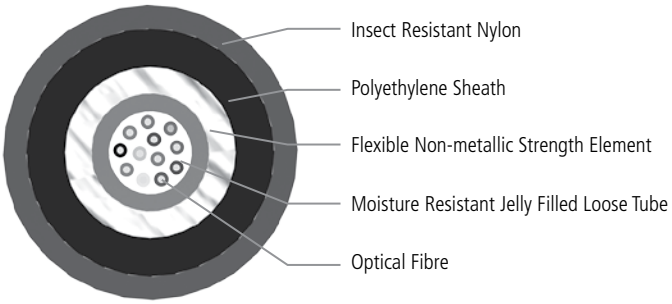
Applicable Specifications

AS/CA S008 AS 1049, IEC 60794, IEC 60793, ITU-T REC G652.d

Applications

Mini axial loose tube cable is ideal for short haul, point to point drop cable applications where duct space is limited. The water blocked, dry cable core design can be installed in-duct or direct-buried.

Cable Components

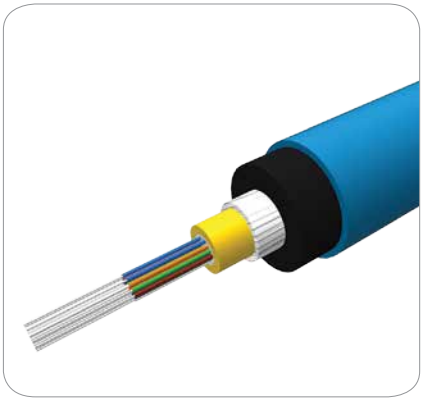


Physical Characteristics

SPECIFICATION	UNIT	VALUE PE/NY	VALUE PE ONLY
Nominal Tube Diameter	mm	2	
Nominal Cable Diameter	mm	5	4.2
Nominal Weight	kg/km	26	18
Temperature Range	°C	-40 to 70	
Max Pulling Tension - Install	N	450	
Min Bending Radius - Under Load	mm	20 x OD	
Min Bending Radius - No Load	mm	10 x OD	
Max Crush Resistance	kN/100 mm	1	
Impact	g/m	500	

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 12.

Actual finished product may vary from illustration.



Single Axial Loose Tube Optical Fibre Cable

Axial loose tube cable comprising up to 24 optical fibres contained in a jelly filled loose tube strengthened with flexible non-metallic armour bonded to a polyethylene (PE) sheath and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LQD1**EA0††BE

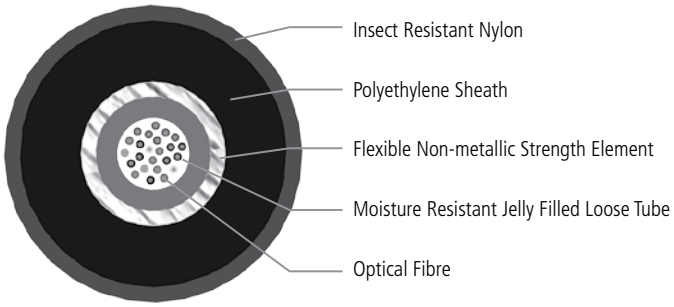
Applicable Specifications

AS/CA S008 AS 1049, IEC 60794, IEC 60793, ITU-T REC G652.d

Applications

Axial loose tube cable is ideal for short and long haul point to point backbone applications. The water blocked, dry cable core design can be installed in-duct or direct-buried. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

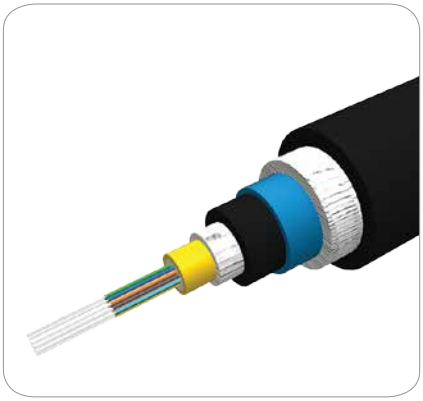


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	8.5
Nominal Weight	kg/km	58
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 24.

Actual finished product may vary from illustration.



Single Axial Non-Metallic Armoured Loose Tube Optical Fibre Cable

Axial cable comprising up to 24 optical fibres contained in a jelly filled loose tube strengthened with flexible non-metallic armour bonded to an inner polyethylene (PE) sheath which is sheathed with an outer insect resistant Nylon jacket, non-metallic glass composite armour and outer polyethylene sheath. Surface printing includes length marking at one metre intervals.

Part Number

NLD1**EB0††BK

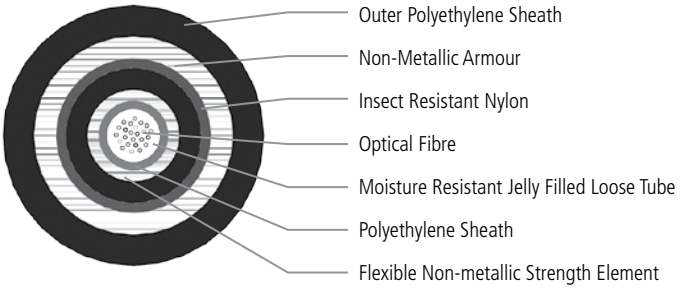
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Axial non-metallic armoured loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance during rodent attack while providing an additional layer of protection to the inner insect resistant Nylon layer. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core design suits point-point installations.

Cable Components

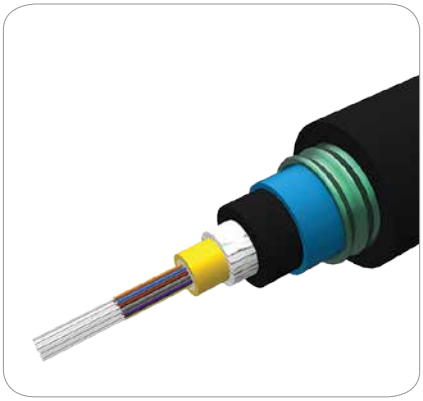


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Cord Diameter	mm	3.2
Nominal Cable Diameter	mm	12
Nominal Weight	kg/km	135
Temperature Range	°C	-40 to 70
Max Pulling Tension	N	2.5
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 24. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



Single Axial Metallic Armoured Loose Tube Optical Fibre Cable

Axial cable comprising up to 24 optical fibres contained in a jelly filled loose tube strengthened with flexible non-metallic armour bonded to an inner polyethylene (PE) sheath which is sheathed with an outer insect resistant Nylon jacket, corrugated steel tape armour and outer polyethylene sheath. Surface printing includes length marking at one metre intervals.

Part Number

CQD1**EB0††BK

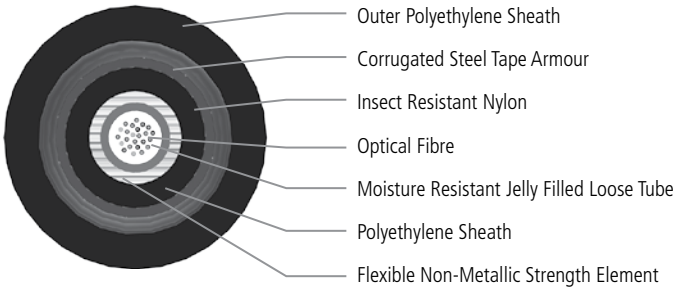
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Axial corrugated steel tape armoured loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The corrugated steel tape armour improves resistance during rodent attack while providing an additional layer of protection to the inner insect resistant Nylon layer. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core design suits point-point installations.

Cable Components

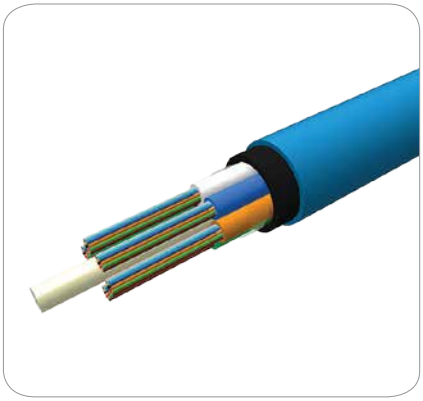


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Cord Diameter	mm	3.2
Nominal Cable Diameter	mm	13
Nominal Weight	kg/km	170
Temperature Range	°C	-40 to 70
Max Pulling Tension	N	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2.5
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 24. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



72 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMD6**PA0††BE

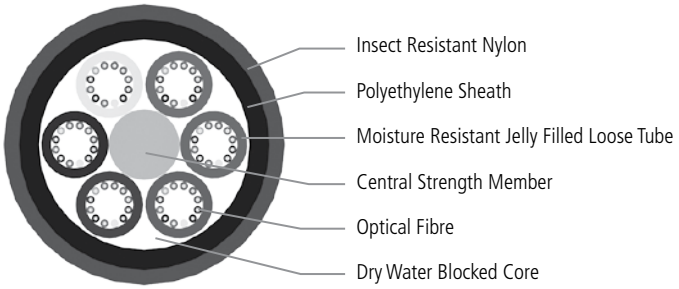
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

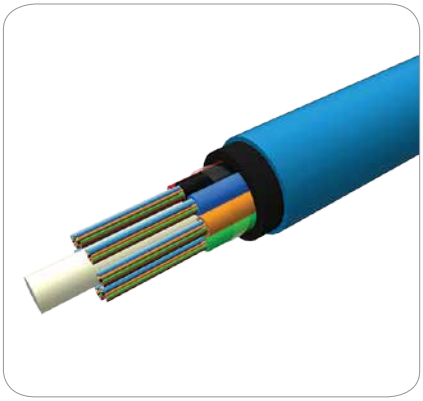


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	9.8
Nominal Weight	kg/km	75
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min bending Radius - Under Load	mm	20 x OD
Min bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72.

Actual finished product may vary from illustration.



96 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMD8**PA0††BE

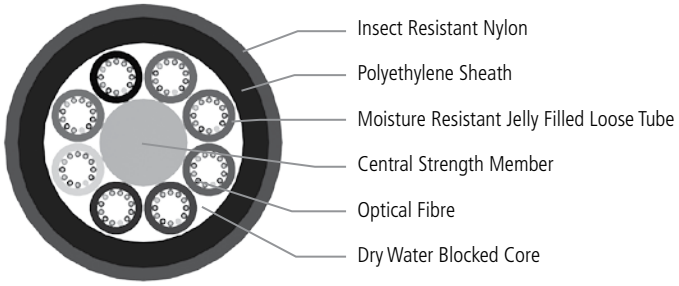
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

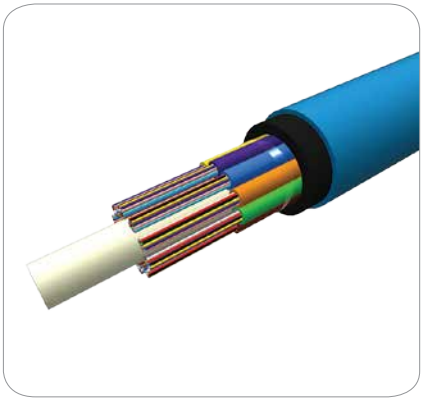


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	11
Nominal Weight	kg/km	100
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	4.5
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96.

Actual finished product may vary from illustration.



120 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 120 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMDA**PA†††BE

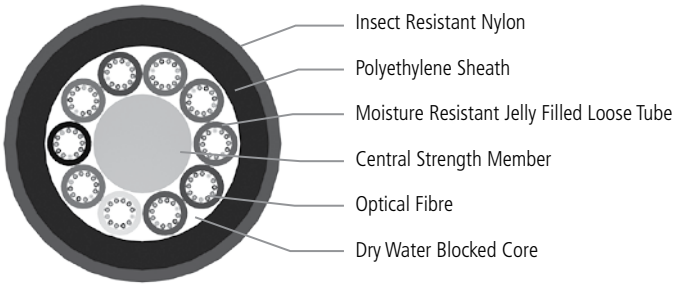
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

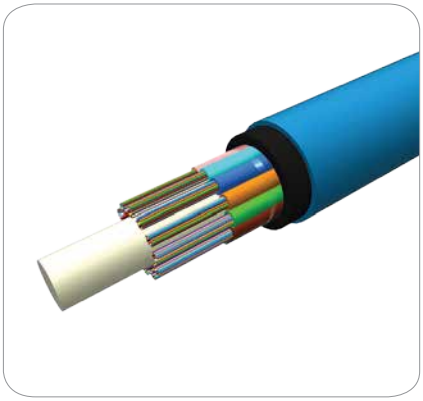


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	12.3
Nominal Weight	kg/km	115
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.3
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 120.

Actual finished product may vary from illustration.



144 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMDC**PA†††BE

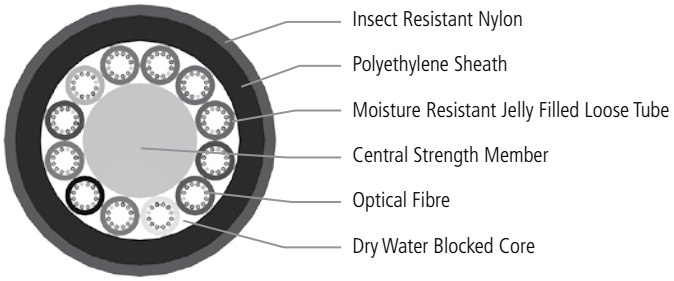
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

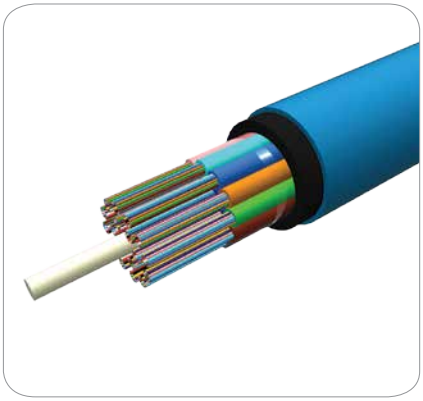


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	13.6
Nominal Weight	kg/km	160
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.3
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144.

Actual finished product may vary from illustration.



216 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 216 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The dual layered tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMDI**PA†††BE

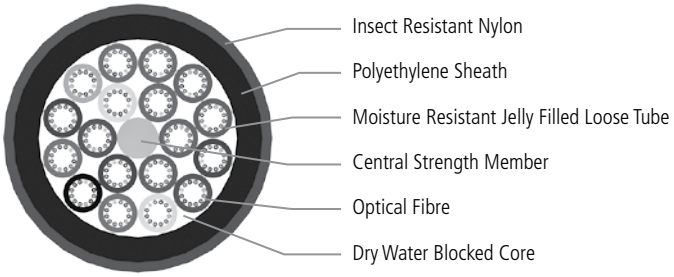
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

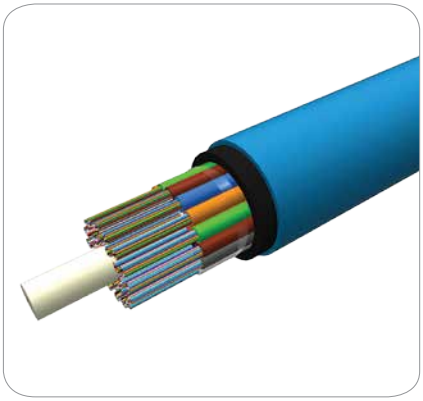


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	14
Nominal Weight	kg/km	150
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2.5
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 216.

Actual finished product may vary from illustration.



288 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 288 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The dual layered tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMDO**PA†††BE

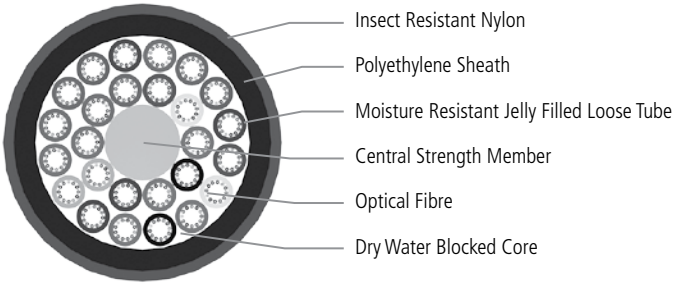
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

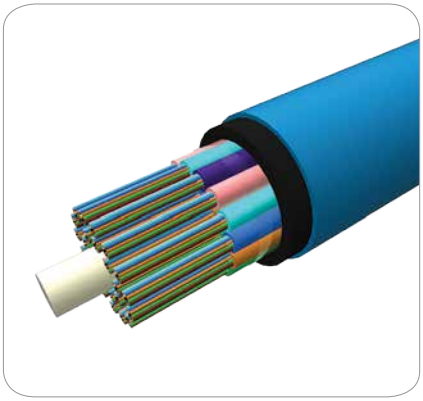


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	15.6
Nominal Weight	kg/km	250
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	4
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 288.

Actual finished product may vary from illustration.



312 Fibre Stranded Loose Tube Cable

Stranded cable comprising up to 312 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The dual layered tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene and insect resistant nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMDQ**PA†††BE

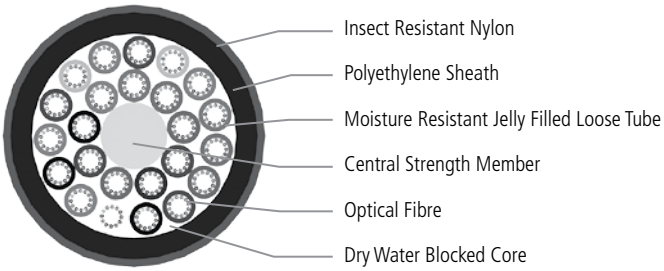
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

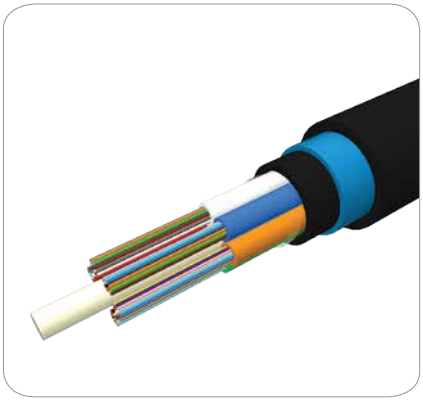


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	16.5
Nominal Weight	kg/km	210
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	4.1
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.3
Impact	kg/m	1.0

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 312.

Actual finished product may vary from illustration.



72 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMH6**PA0††BK

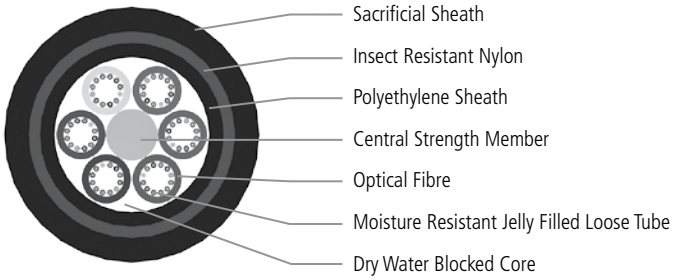
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

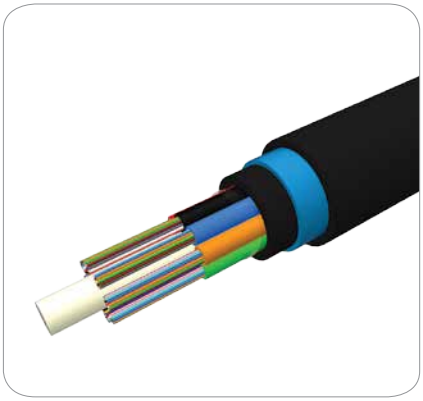


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	11.7
Nominal Weight	kg/km	100
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



96 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMH8**PA0††BK

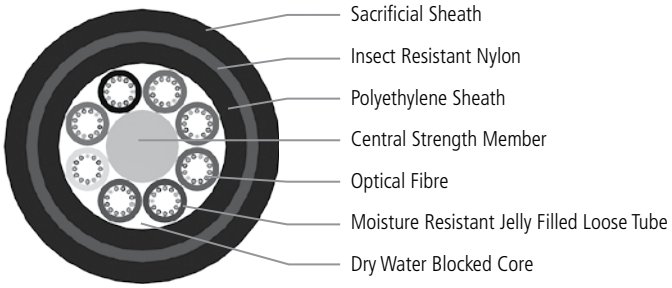
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

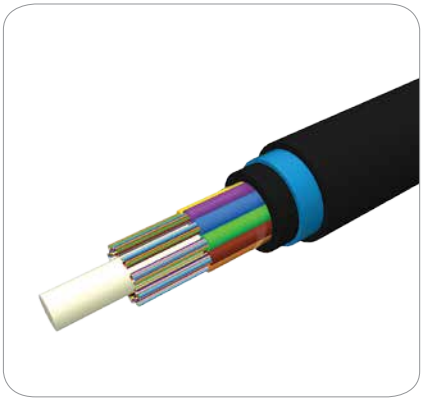


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	13
Nominal Weight	kg/km	140
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration



120 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 120 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMHA**PA†††BK

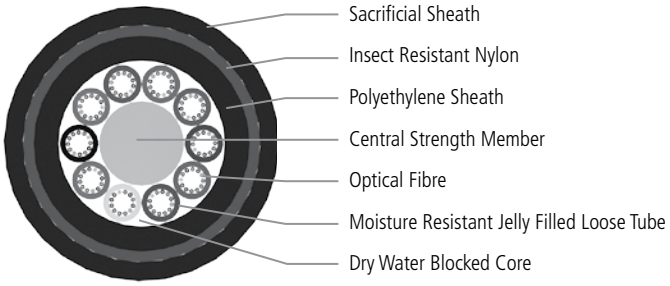
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

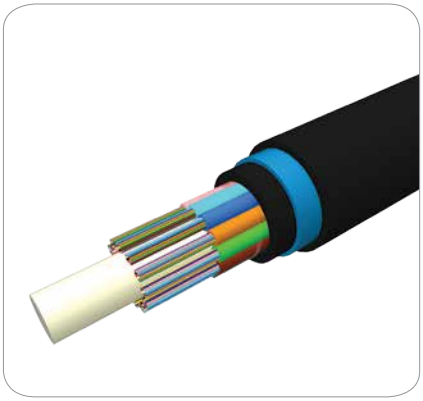


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	14.3
Nominal Weight	kg/km	155
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3.6
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 120. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



144 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMHC**PA†††BK

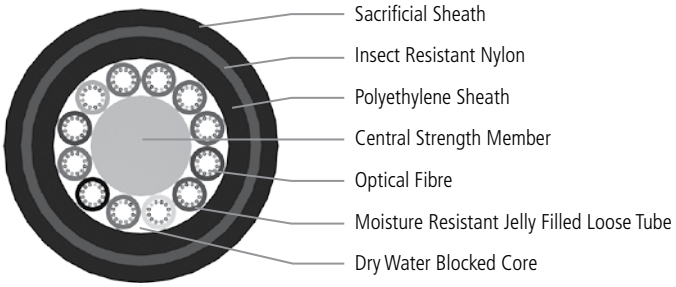
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

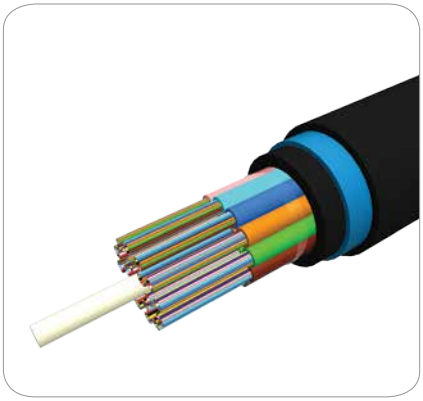


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	15.6
Nominal Weight	kg/km	190
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



216 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 216 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMHI**PA†††BK

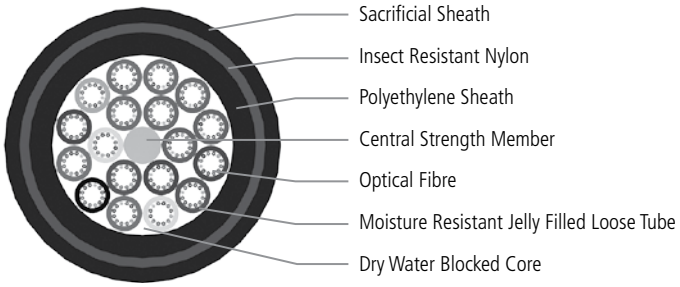
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

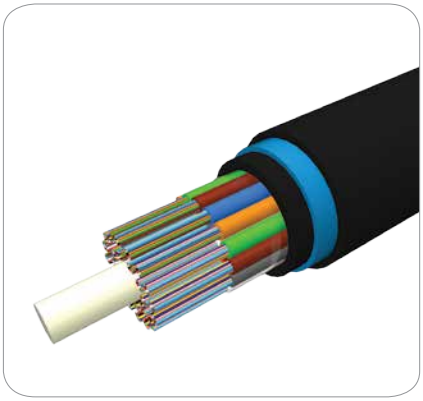


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	16
Nominal Weight	kg/km	190
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 216. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



288 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 288 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMHO**PA†††BK

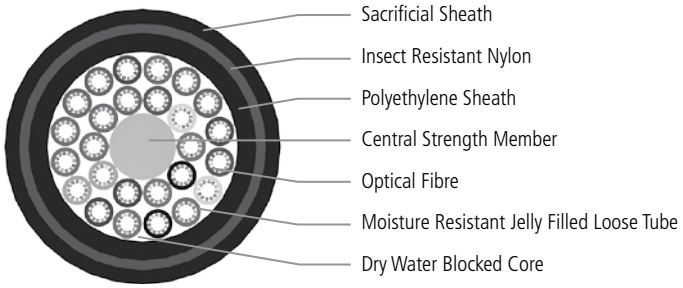
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

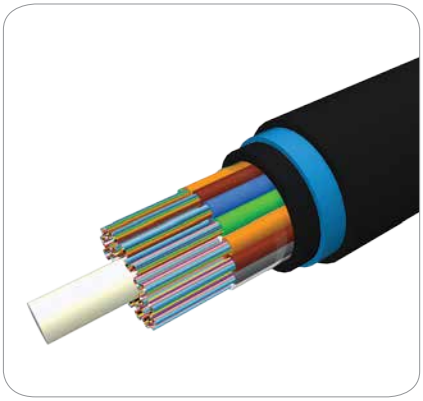


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	18
Nominal Weight	kg/km	250
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	4
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 288. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



312 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 312 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) insect resistant nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMHQ**PA†††BK

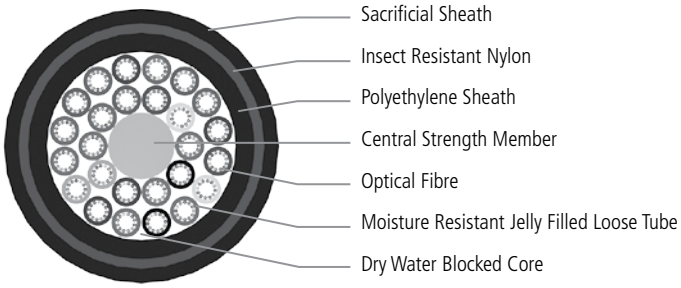
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be directly exposed to UV rays.

Cable Components

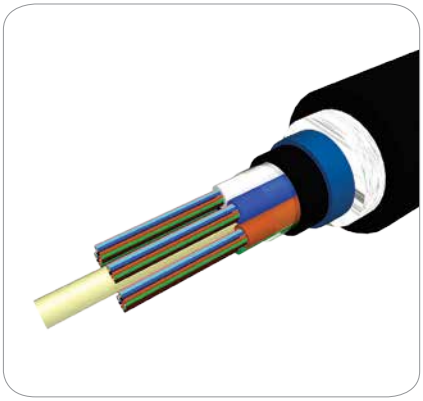


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	18.5
Nominal Weight	kg/km	260
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3.5
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 312. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



72 Fibre Non-Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMD6**PB0††BK

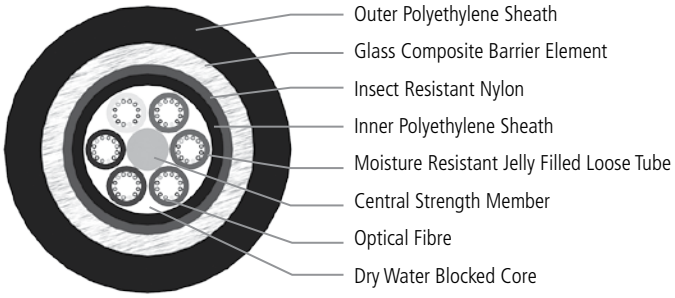
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

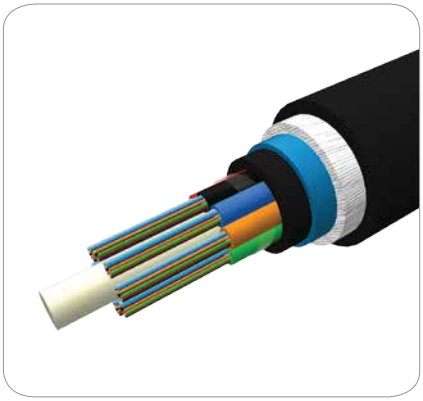


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	14
Nominal Weight	kg/km	180
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	5
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2.5
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



96 Fibre Non-Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMD8**PB0††BK

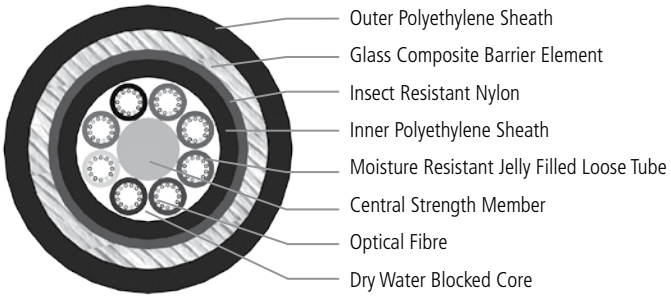
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

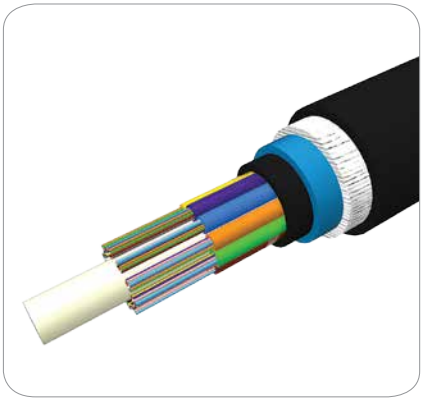


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	15
Nominal Weight	kg/km	200
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	5
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2.0
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



120 Fibre Non-Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 120 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMDA**PB†††BK

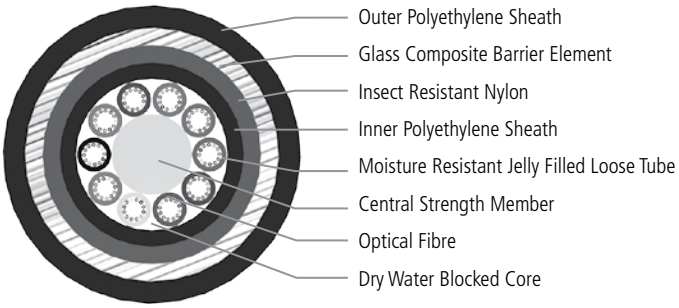
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour provides an additional layer of protection to the inner Nylon barrier to improve resistance from rodent attacks. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

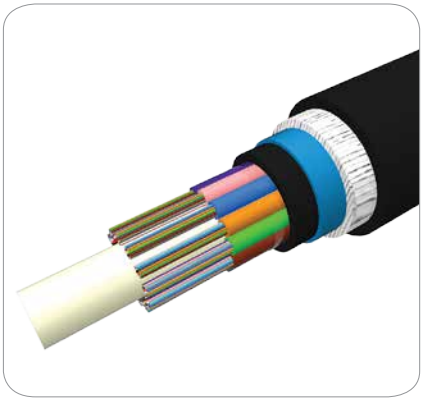


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	17.2
Nominal Weight	kg/km	235
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	7
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 120. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



144 Fibre Non-Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMDC**PB†††BK

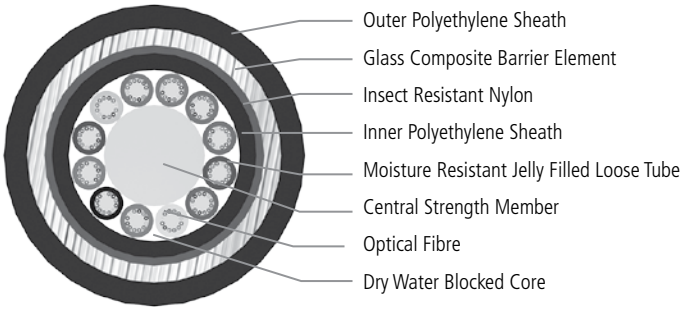
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

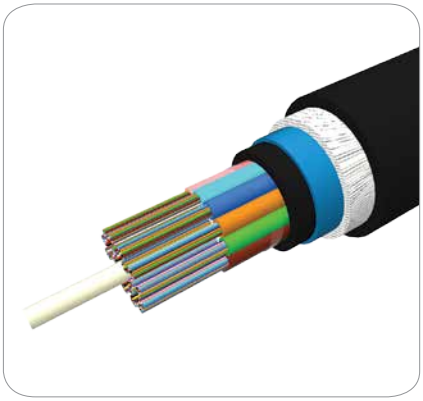


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	18
Nominal Weight	kg/km	285
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	7
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2.0
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



216 Fibre Non-Metallic Armoured Sranded Loose Tube Cable

Stranded cable comprising up to 216 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMDI**PB†††BK

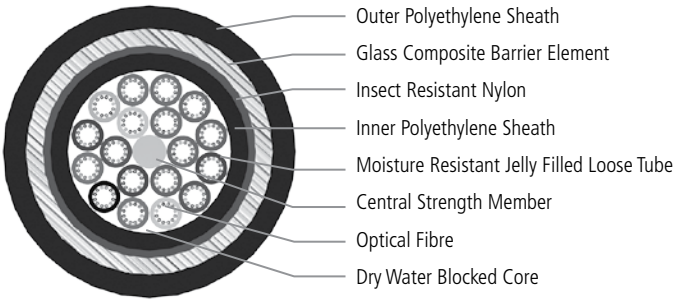
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

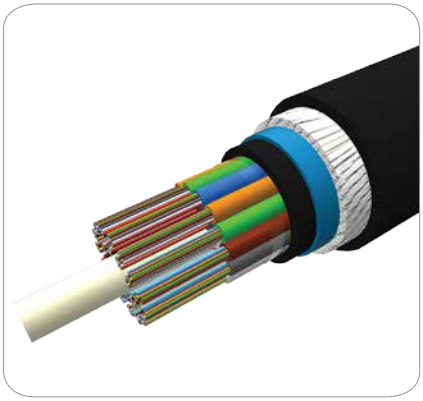


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	18
Nominal Weight	kg/km	290
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	7
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 216. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



288 Fibre Non-Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 288 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMDO**PB†††BK

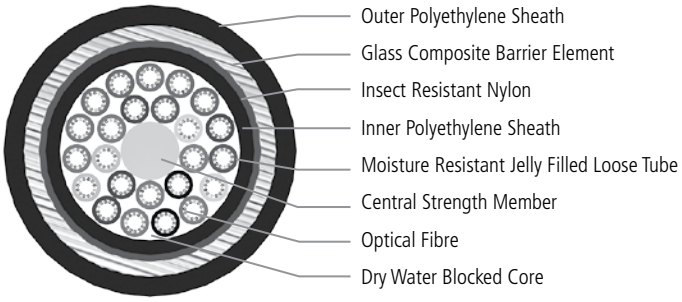
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

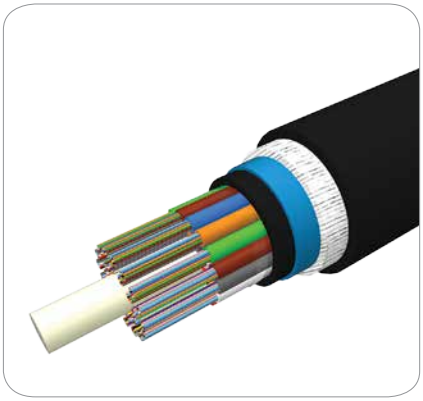


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	21
Nominal Weight	kg/km	330
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	7
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 288. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



312 Fibre Non-Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 312 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NMDQ**PB†††BK

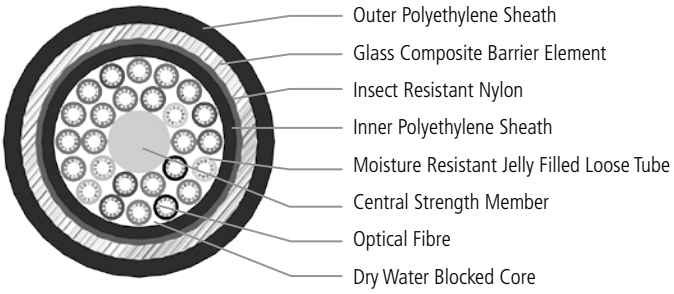
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

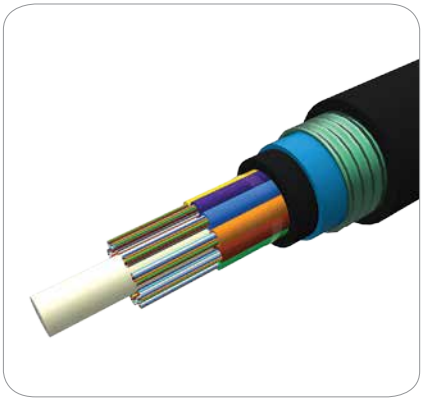


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	22
Nominal Weight	kg/km	400
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	5
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 312. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



72 Fibre Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, corrugated steel tape armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

CMD6**PB0††BK

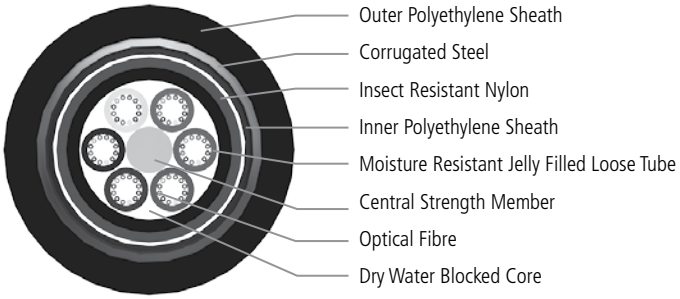
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Corrugated steel tape armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The corrugated steel tape improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. Additionally, the corrugated steel tape armour improves cable crush and impact performance. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

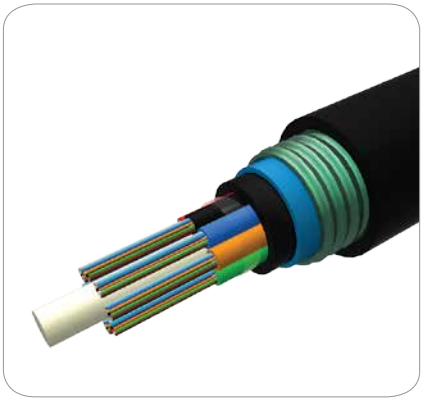


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	14
Nominal Weight	kg/km	180
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	2

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



96 Fibre Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, corrugated steel tape armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

CMD8**PB0††BK

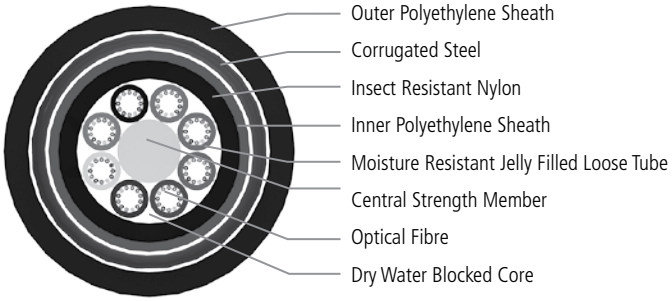
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Corrugated steel tape armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The corrugated steel tape improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. Additionally, the corrugated steel tape armour improves cable crush and impact performance. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

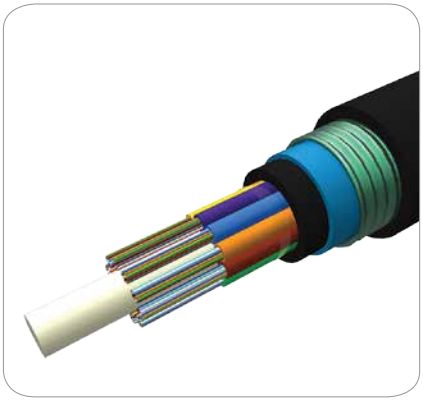


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	13
Nominal Weight	kg/km	160
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2.5
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



120 Fibre Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 120 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, corrugated steel tape armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

CMDA**PB†††BK

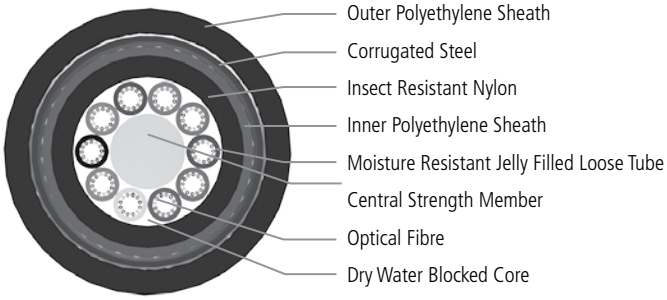
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Corrugated steel tape armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The corrugated steel tape improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. Additionally, the corrugated steel tape armour improves cable crush and impact performance. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

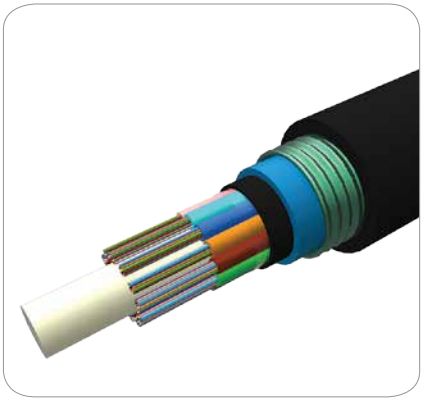


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	17+/- 0.5
Nominal Weight	kg/km	300
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 120. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



144 Fibre Metallic Armoured Stranded Loose Tube Cable

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE), insect resistant nylon, corrugated steel tape armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

CMDC**PB†††BK

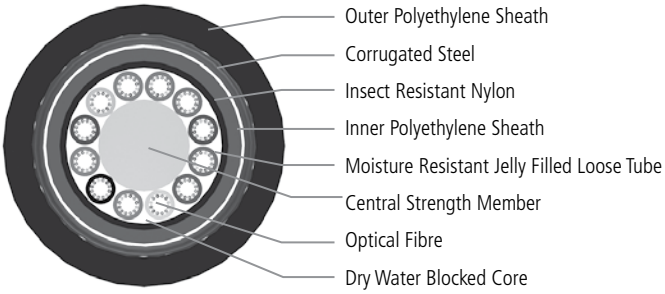
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Corrugated steel tape armoured stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The corrugated steel tape improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. Additionally, the corrugated steel tape armour improves cable crush and impact performance. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

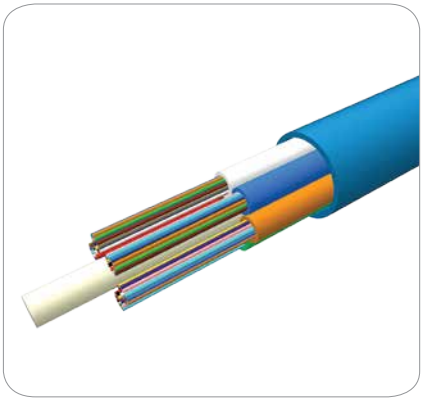


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	16
Nominal Weight	kg/km	255
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2.7
Min Bending Radius - Under Load	mm	30 x OD
Min Bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



72 Fibre Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LME6**PA0††BE

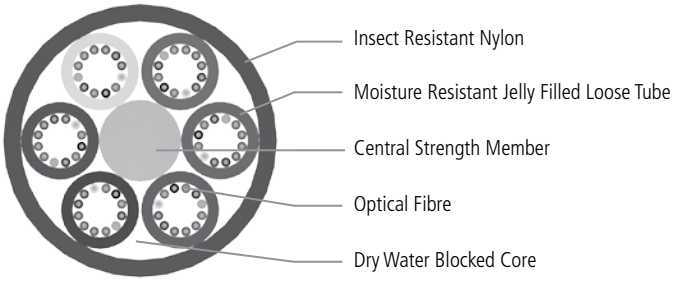
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit blow-in applications. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black polyethylene (PE) sheath where the cable will be directly exposed to UV rays.

Cable Components

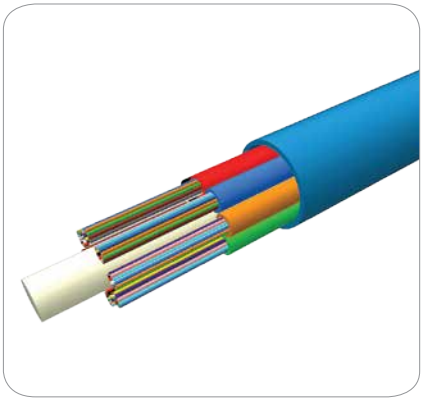


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	7
Nominal Weight	kg/km	40
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min bending Radius - Under Load	mm	20 x OD
Min bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72.

Actual finished product may vary from illustration.



96 Fibre Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LME8**PA0††BE

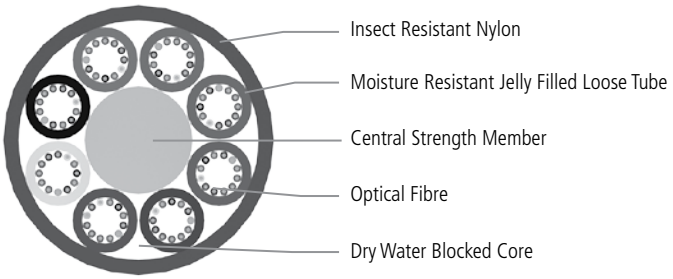
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit blow-in applications. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black polyethylene (PE) sheath where the cable will be directly exposed to UV rays.

Cable Components

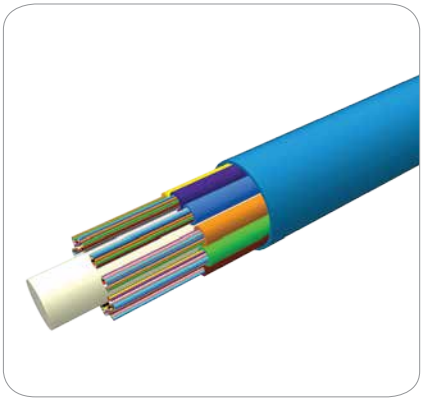


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	8.3
Nominal Weight	kg/km	70
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	0.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96.

Actual finished product may vary from illustration.



120 Fibre Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 120 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMEA**PA†††BE

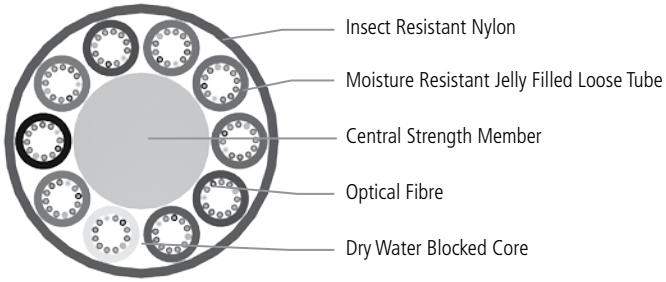
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit blow-in applications. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black polyethylene (PE) sheath where the cable will be directly exposed to UV rays..

Cable Components

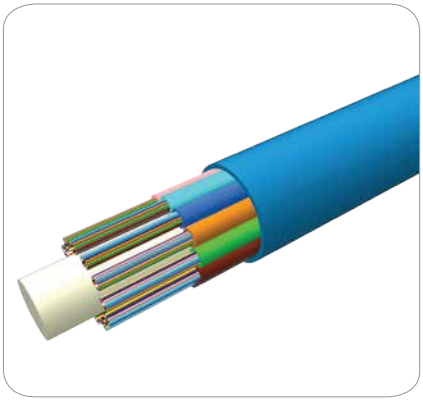


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	9.6
Nominal Weight	kg/km	76
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 120.

Actual finished product may vary from illustration.



144 Fibre Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

LMEC**PA†††BE

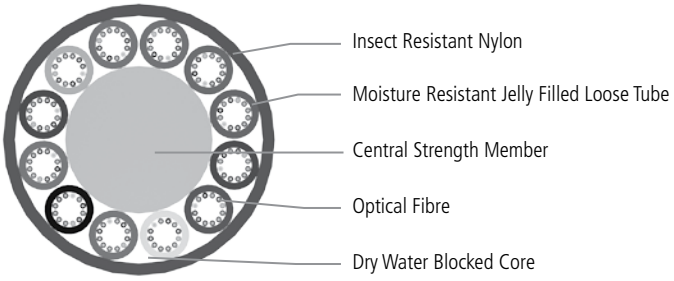
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit blow-in applications. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black polyethylene (PE) sheath where the cable will be directly exposed to UV rays.

Cable Components

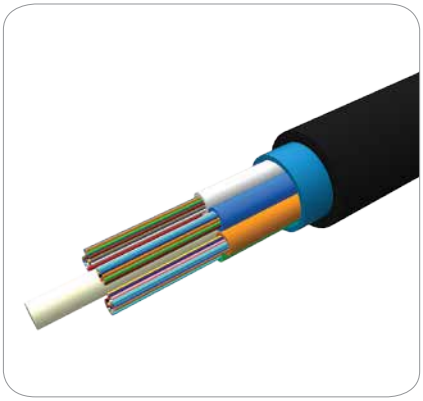


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	11
Nominal Weight	kg/km	75
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	0.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144.

Actual finished product may vary from illustration.



72 Fibre Nylon Over Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid up around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMF6**PA0††BK

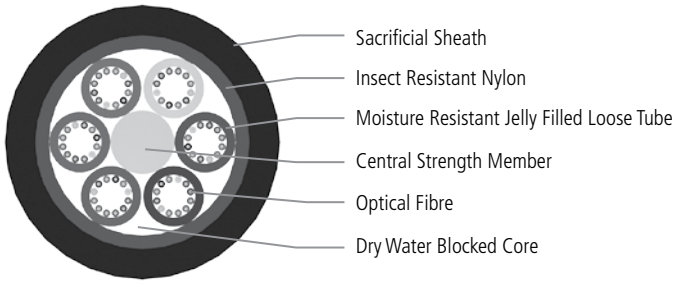
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit point-point blow-in applications. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be installed directly exposed to UV.

Cable Components

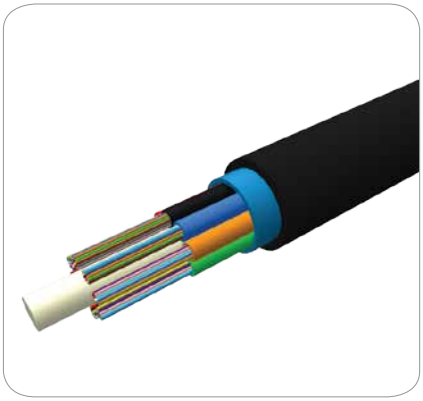


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	7
Nominal Weight	kg/km	40
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min bending Radius - Under Load	mm	20 x OD
Min bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



96 Fibre Nylon Over Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid up around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMF8**PA0††BK

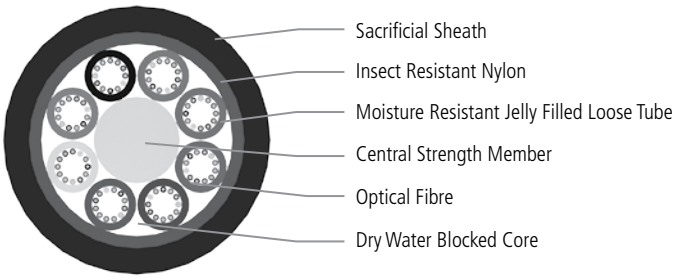
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit point-point blow-in applications. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be installed directly exposed to UV.

Cable Components

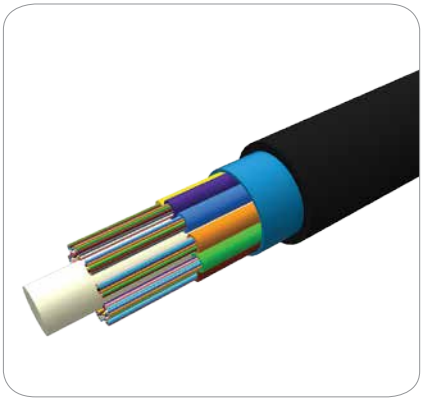


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	8.3
Nominal Weight	kg/km	70
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	0.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



120 Fibre Nylon Over Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 120 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid up around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMFA**PA†††BK

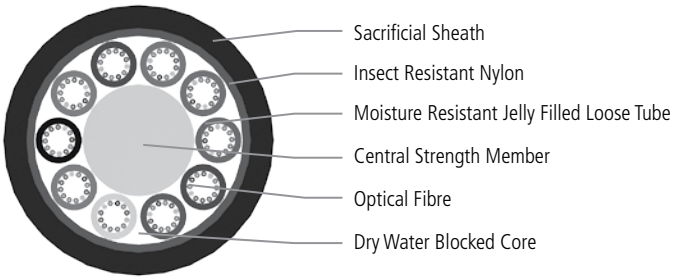
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit point-point blow-in applications. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be installed directly exposed to UV.

Cable Components

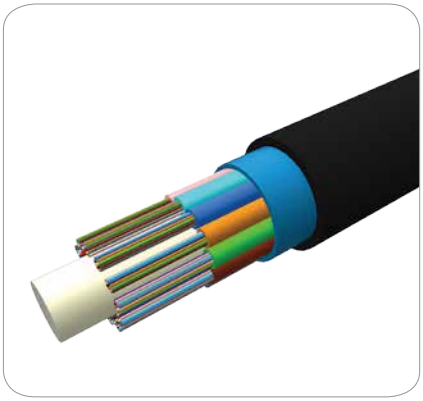


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	9.6
Nominal Weight	kg/km	76
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 120. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



144 Fibre Nylon Over Stranded Loose Tube Cable with Sacrificial Sheath

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid up around a central strength member and contained within a dry, water block cable core which is sheathed with an insect resistant Nylon jacket and an additional sacrificial PE outer sheath. Surface printing includes length marking at one metre intervals.

Part Number

LMFC**PA†††BK

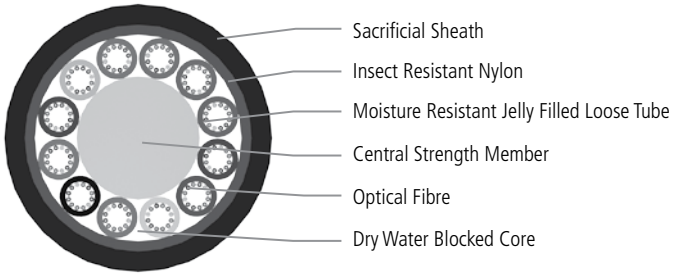
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Stranded loose tube cable is ideal for short and long haul backbone applications and can be installed in-duct or direct-buried. The water blocked, dry cable core stranded design suit point-point blow-in applications. The addition of an outer black PE sheath protects the inner insect resistant Nylon barrier from damage during installation and is also recommended where the cable will be installed directly exposed to UV.

Cable Components

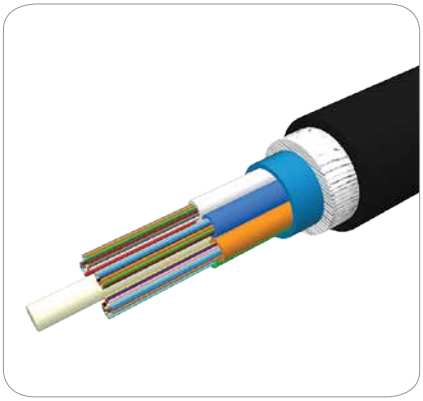


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2.0
Nominal Cable Diameter	mm	11
Nominal Weight	kg/km	75
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	0.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



72 Fibre Non-Metallic Armoured Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained within jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water blocked cable core which is sheathed with an insect resistant Nylon jacket, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NME6**PB0††BK

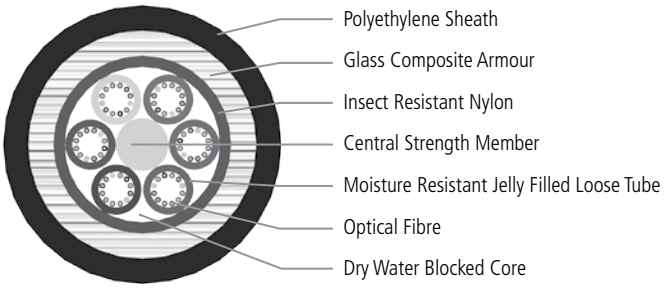
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short haul and long haul backbone applications and can be installed in-duct or direct buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

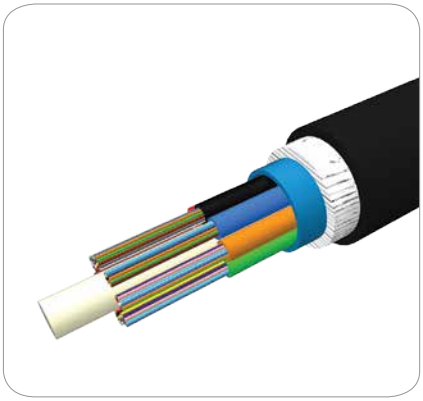


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	12
Nominal Weight	kg/km	130
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	8
Min bending Radius - Under Load	mm	30 x OD
Min bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



96 Fibre Non-Metallic Armoured Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained within jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water blocked cable core which is sheathed with an insect resistant Nylon jacket, glass composite armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

NME8**PB0††BK

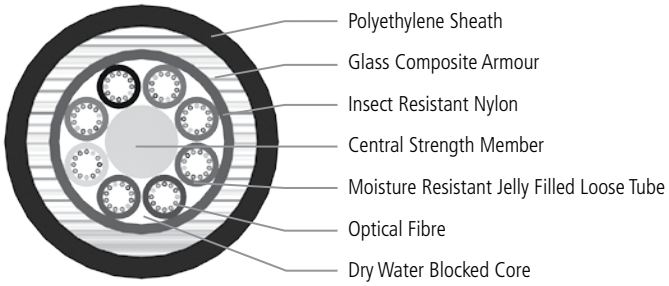
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short haul and long haul backbone applications and can be installed in-duct or direct buried. The glass composite armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. These additional layers also increase tensile strength and general cable robustness. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

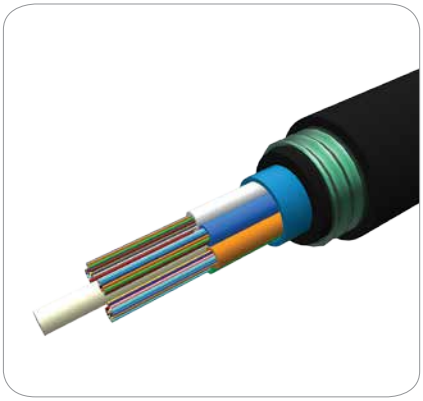


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	14
Nominal Weight	kg/km	165
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	6
Min bending Radius - Under Load	mm	30 x OD
Min bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



72 Fibre Metallic Armoured Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained within jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water blocked cable core which is sheathed with an insect resistant Nylon jacket, corrugated steep tape armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

CMF6**PB0††BK

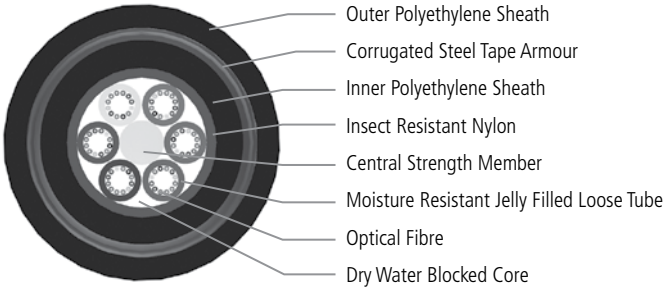
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Corrugated steel tape armoured stranded loose tube cable is ideal for short haul and long haul backbone applications and can be installed in-duct or direct buried. The corrugated steel tape armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. Additionally, the corrugated steel tape armour improves cable crush and impact performance. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

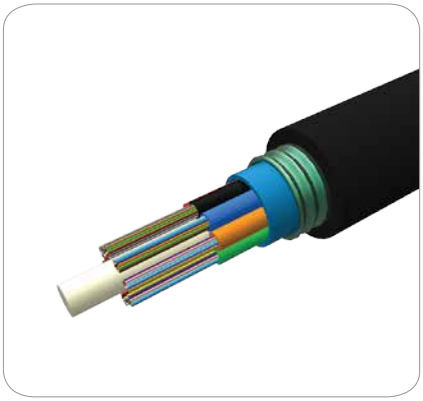


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	13
Nominal Weight	kg/km	170
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3
Min bending Radius - Under Load	mm	30 x OD
Min bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	2

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other ßfibre varieties. †† Represents any fibre-count up to 72. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



96 Fibre Metallic Armoured Nylon Over Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained within jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member and contained within a dry, water blocked cable core which is sheathed with an insect resistant Nylon jacket, corrugated steep tape armour and outer PE jacket. Surface printing includes length marking at one metre intervals.

Part Number

CMF8**PB0††BK

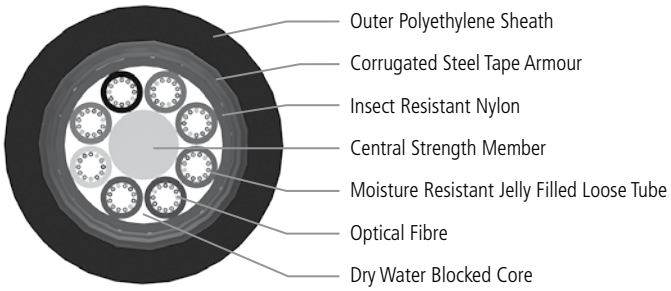
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Corrugated steel tape armoured stranded loose tube cable is ideal for short haul and long haul backbone applications and can be installed in-duct or direct buried. The corrugated steel tape armour improves resistance to rodent attack and provides an additional layer of protection to the inner insect resistant Nylon barrier. Additionally, the corrugated steel tape armour improves cable crush and impact performance. The water blocked, dry cable core stranded design suits point-point and point-multipoint fibre installations where spur cables are spliced from the backbone.

Cable Components

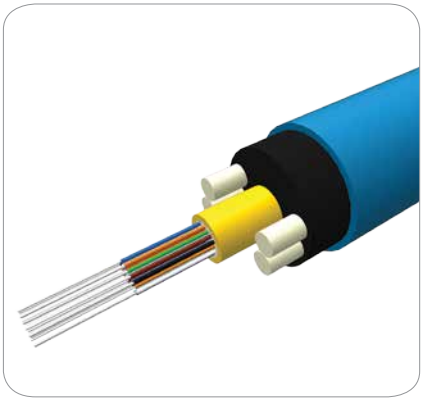


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	2
Nominal Cable Diameter	mm	13
Nominal Weight	kg/km	170
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3
Min bending Radius - Under Load	mm	30 x OD
Min bending Radius - No Load	mm	15 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96. Supplied with Black (BK) Sheath as standard - the following colours available upon request: BE-Blue, YW-Yellow, WE-White.

Actual finished product may vary from illustration.



Quad FRP Single Axial Loose Tube Fibre Optic Cable

Axial loose tube cable can comprise up to 24 optical fibres which are contained in a jelly filled loose tube strengthened with four non-metallic strength members bonded to a polyethylene (PE) sheath and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

L3D1**EA0††BE

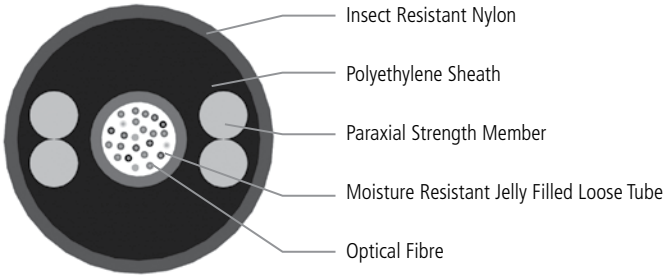
Applicable Specifications

AS/CA S008 AS 1049, IEC 60794, IEC 60793, ITU-T REC G652.d

Applications

Axial loose tube cable is ideal for short and long haul point to point backbone applications. The water blocked, dry cable core design can be installed in-duct or direct-buried. The cable also provides additional tensile strength and crush resistance over conventional stranded and axial cable designs. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

Cable Components

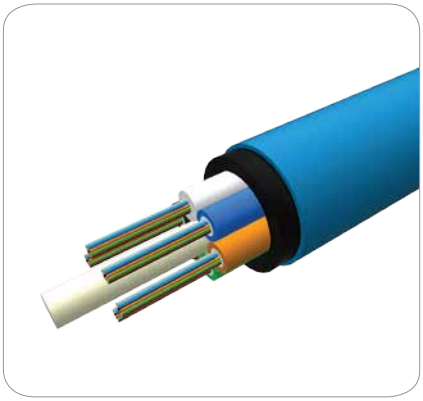


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	9
Nominal Weight	kg/km	70
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	3
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	N/100 mm	4000
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 24.

Actual finished product may vary from illustration.



72 Fibre High Strength Stranded Loose Tube Cable

Stranded cable comprising up to 72 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant Nylon.

Part Number

LMJ6**JA0††BE

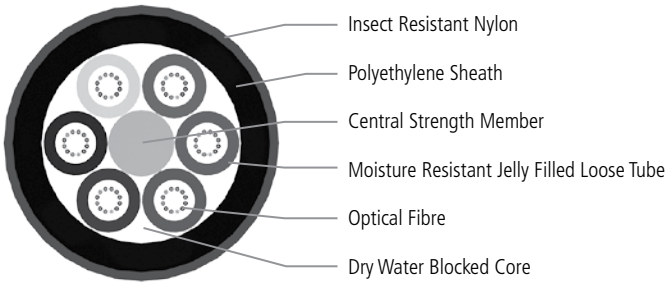
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

High strength stranded loose tube cable is ideal long haul backbone applications and is typically used by telecommunication carriers in applications where the cable is being installed in rocky or expansive soils. The water blocked, dry cable core design suits point to point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilisied, AFL recommends the use of an additional sacrificial black PE jacket where the cable will be directly exposed to UV rays.

Cable Components

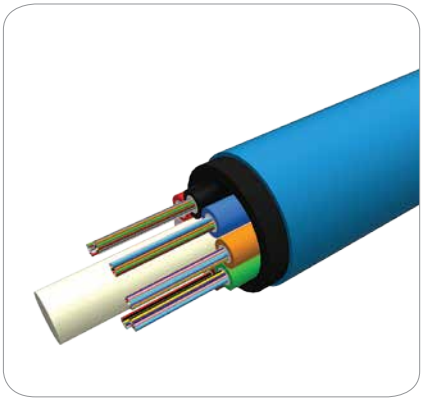


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	13.7
Nominal Weight	kg/km	146
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	6
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	6
Impact	kg/m	1.5

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 72.

Actual finished product may vary from illustration.



96 Fibre High Strength Stranded Loose Tube Cable

Stranded cable comprising up to 96 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant Nylon.

Part Number

LMJ8**JA0††BE

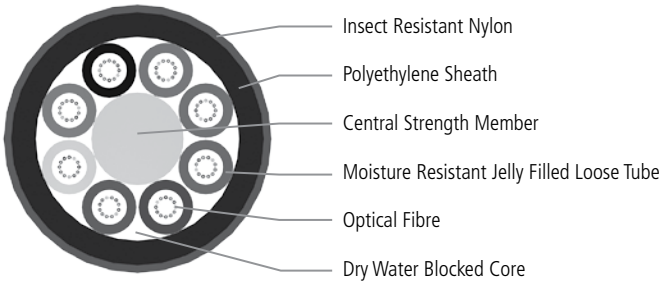
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

High strength stranded loose tube cable is ideal long haul backbone applications and is typically used by telecommunication carriers in applications where the cable is being installed in rocky or expansive soils. The water blocked, dry cable core design suits point to point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE jacket where the cable will be directly exposed to UV rays.

Cable Components

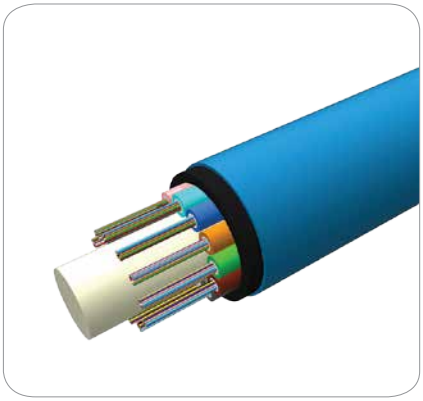


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	16
Nominal Weight	kg/km	225
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	6
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	6
Impact	kg/m	2

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 96.

Actual finished product may vary from illustration.



144 Fibre High Strength Stranded Loose Tube Cable

Stranded cable comprising up to 144 optical fibres contained in jelly filled loose tubes (up to 12 fibres per tube). The tubes and fillers are laid around a central strength member, taped and contained within a dry, water blocked cable core which is sheathed with polyethylene (PE) and insect resistant Nylon.

Part Number

LMJC**JA†††BE

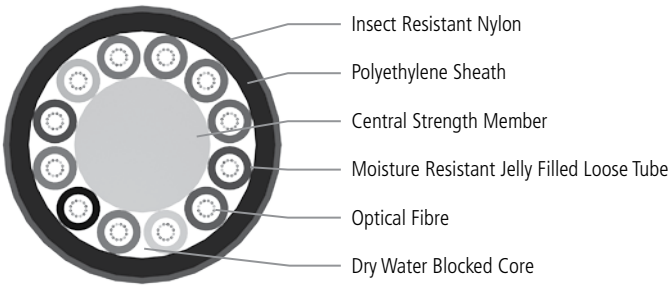
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

High strength stranded loose tube cable is ideal long haul backbone applications and is typically used by telecommunication carriers in applications where the cable is being installed in rocky or expansive soils. The water blocked, dry cable core design suits point to point and point-multipoint fibre installations where spur cables are spliced from the backbone. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE jacket where the cable will be directly exposed to UV rays.

Cable Components

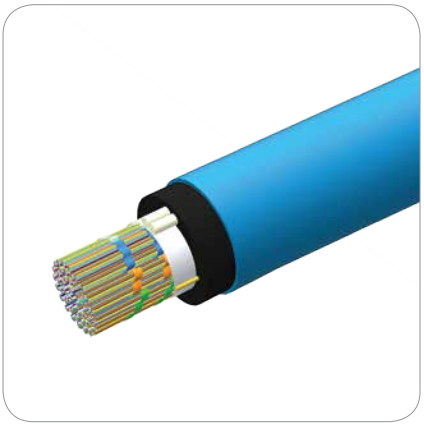


Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	21
Nominal Weight	kg/km	320
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	6
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	6
Impact	kg/m	2

** Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. ††† Represents any fibre-count up to 144.

Actual finished product may vary from illustration.



288 Fibre Spider Web Ribbon™ Wrapping Tube Cable

Axial wrapping tube cable comprising 288 Spider Web Ribbon™ G657.a1 fibres contained within 72 fibre coloured wrapping tube bundles which are water blocked and strengthened with four non-metallic strength members bonded to a polyethylene (PE) and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

W5DWLF4A288BE

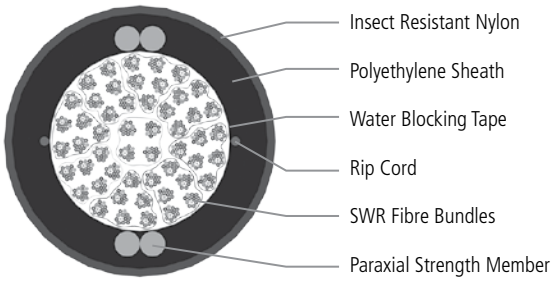
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Spider Web Ribbon™ (SWR) Wrapping Tube Cable (WTC) is an ideal solution for long haul backbone networks requiring rapid deployment. The SWR fibres allow for single element splicing or mass fusion splicing. The unique SWR bonding structure maximises fibre packing density resulting in a reduced diameter cable relative to stranded or conventional ribbon designs. This makes for easier installation into pre-populated duct networks and allows for longer lengths per drum, reducing inline splicing as well as freight and storage costs. Combined with its dry core which further reduces fibre preparation time, SWR WTC is the ideal solution for faster more cost effective network builds.

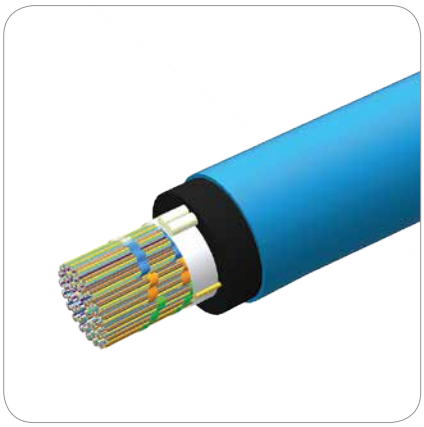
Cable Components



Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Cable Diameter	mm	12.4
Nominal Weight	kg/km	117
Temperature Range	°C	-30 to 70
Max Pulling Tension - Install	N	1764
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	1

Actual finished product may vary from illustration



432 Fibre Spider Web Ribbon™ Wrapping Tube Cable

Axial wrapping tube cable comprising 432 Spider Web Ribbon™ G657.a1 fibres contained within 72 fibre coloured wrapping tube bundles which are water blocked and strengthened with four non-metallic strength members bonded to a polyethylene (PE) and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

W5DWLF6A432BE

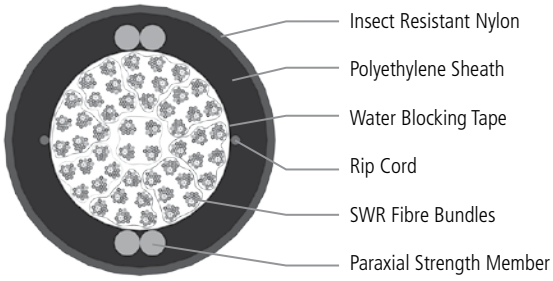
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Spider Web Ribbon™ (SWR) Wrapping Tube Cable (WTC) is an ideal solution for long haul backbone networks requiring rapid deployment. The SWR fibres allow for single element splicing or mass fusion splicing. The unique SWR bonding structure maximises fibre packing density resulting in a reduced diameter cable relative to stranded or conventional ribbon designs. This makes for easier installation into pre-populated duct networks and allows for longer lengths per drum, reducing inline splicing as well as freight and storage costs. Combined with its dry core which further reduces fibre preparation time, SWR WTC is the ideal solution for faster more cost effective network builds.

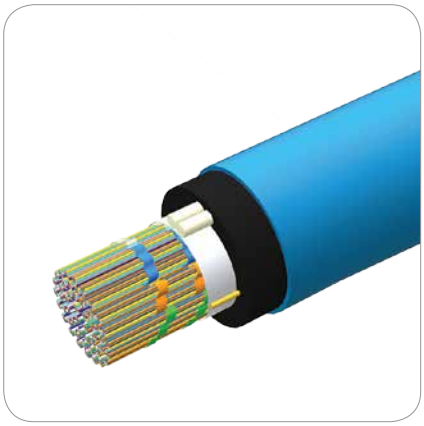
Cable Components



Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Cable Diameter	mm	14
Nominal Weight	kg/km	149
Temperature Range	°C	-30 to 70
Max Pulling Tension - Install	N	2205
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	1

Actual finished product may vary from illustration



576 Fibre Spider Web Ribbon™ Wrapping Tube Cable

Axial wrapping tube cable comprising 576 Spider Web Ribbon™ G657.a1 fibres contained within 72 fibre coloured wrapping tube bundles which are water blocked and strengthened with four non-metallic strength members bonded to a polyethylene (PE) and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

W5DWLF8A576BE

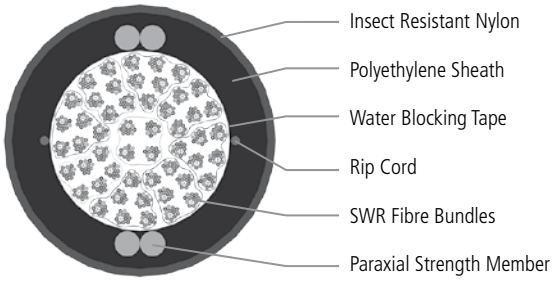
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Spider Web Ribbon™ (SWR) Wrapping Tube Cable (WTC) is an ideal solution for long haul backbone networks requiring rapid deployment. The SWR fibres allow for single element splicing or mass fusion splicing. The unique SWR bonding structure maximises fibre packing density resulting in a reduced diameter cable relative to stranded or conventional ribbon designs. This makes for easier installation into pre-populated duct networks and allows for longer lengths per drum, reducing inline splicing as well as freight and storage costs. Combined with its dry core which further reduces fibre preparation time, SWR WTC is the ideal solution for faster more cost effective network builds.

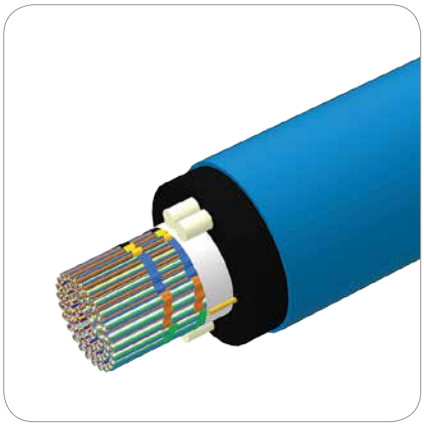
Cable Components



Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Cable Diameter	mm	15.2
Nominal Weight	kg/km	171
Temperature Range	°C	-30 to 70
Max Pulling Tension - Install	N	2573
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	1

Actual finished product may vary from illustration



720 Fibre Spider Web Ribbon™ Wrapping Tube Cable

Axial wrapping tube cable comprising 720 Spider Web Ribbon™ G657.a1 fibres contained within 72 fibre coloured wrapping tube bundles which are water blocked and strengthened with four non-metallic strength members bonded to a polyethylene (PE) and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

W5DWLFAA720BE

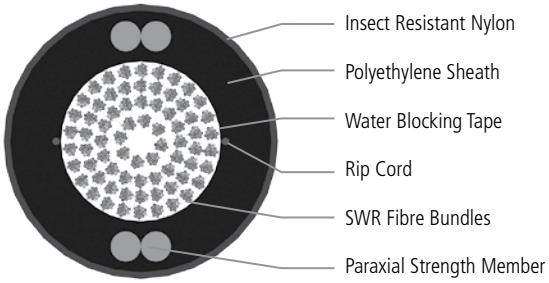
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Spider Web Ribbon™ (SWR) Wrapping Tube Cable (WTC) is an ideal solution for long haul backbone networks requiring rapid deployment. The SWR fibres allow for single element splicing or mass fusion splicing. The unique SWR bonding structure maximises fibre packing density resulting in a reduced diameter cable relative to stranded or conventional ribbon designs. This makes for easier installation into pre-populated duct networks and allows for longer lengths per drum, reducing inline splicing as well as freight and storage costs. Combined with its dry core which further reduces fibre preparation time, SWR WTC is the ideal solution for faster more cost effective network builds.

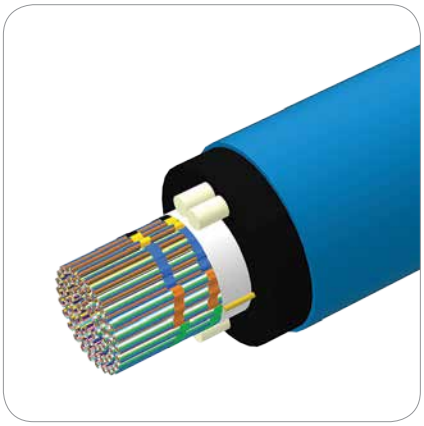
Cable Components



Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Cable Diameter	mm	16.3
Nominal Weight	kg/km	198
Temperature Range	°C	-30 to 70
Max Pulling Tension - Install	N	2940
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	1

Actual finished product may vary from illustration



864 Fibre Spider Web Ribbon™ Wrapping Tube Cable

Axial wrapping tube cable comprising 864 Spider Web Ribbon™ G657.a1 fibres contained within 72 fibre coloured wrapping tube bundles which are water blocked and strengthened with four non-metallic strength members bonded to a polyethylene (PE) and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

Part Number

W5DWLFCA864BE

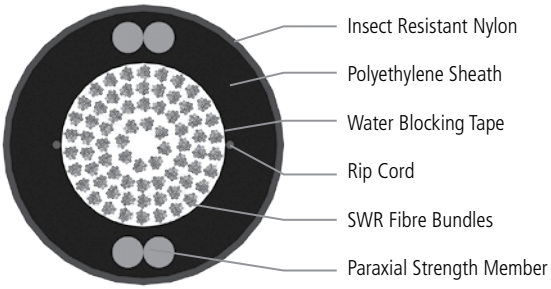
Applicable Specifications

AS/CA S-008, AS/NZS 3080, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Spider Web Ribbon™ (SWR) Wrapping Tube Cable (WTC) is an ideal solution for long haul backbone networks requiring rapid deployment. The SWR fibres allow for single element splicing or mass fusion splicing. The unique SWR bonding structure maximises fibre packing density resulting in a reduced diameter cable relative to stranded or conventional ribbon designs. This makes for easier installation into pre-populated duct networks and allows for longer lengths per drum, reducing inline splicing as well as freight and storage costs. Combined with its dry core which further reduces fibre preparation time, SWR WTC is the ideal solution for faster more cost effective network builds.

Cable Components



Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Cable Diameter	mm	18.2
Nominal Weight	kg/km	240
Temperature Range	°C	-30 to 70
Max Pulling Tension - Install	N	3528
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	1.5
Impact	kg/m	1

Actual finished product may vary from illustration

Optical Fibre Characteristics

Single-mode Fibres

FIBRE TYPE (CODE)		G652.D OS1/OS2 (1D)	G655 (15)	G657.A1 (1F)
Typical mode field diameter @1310 nm		9.2 ± 0.4 µm	–	9.2 ± 0.4 µm
Typical mode field diameter @1550 nm		10.4 ± 0.5 µm	9.6 ± 0.4 µm	10.4 ± 0.5 µm
Cladding diameter		125 ± 0.7 µm	125 ± 0.7 µm	125 ± 0.7 µm
Max mode field concentricity error		0.5 µm	0.6 µm	0.5 µm
Cladding non-circularity		≤ 1%	≤ 0.7%	≤ 0.7%
Fibre coating diameter		250 ± 10 µm	255 ± 10 µm	250 ± 10 µm
Group refractive Index @1310 nm		1.467	-	1.468
Group refractive Index @1550 nm		1.468	1.470	1.468
Temperature Cycling (-60° + 85° C)		≤ 0.05 dB/km	≤ 0.05 dB/km	≤ 0.05 dB/km
100 turns, 60 mm diameter	@1550 nm	-	≤ 0.05 dB	-
	@1625 nm		≤ 0.05 dB	-
100 turns, 50 mm diameter	@1310 nm	≤ 0.05 dB	-	-
	@1550 nm	≤ 0.05 dB	-	-
1 turns, 32 mm diameter	@1550 nm	≤ 0.05 dB	-	-
10 turns, 30 mm diameter	@1550 nm	-	-	≤ 0.05 dB
	@1625 nm	-	-	≤ 0.3 dB
1 turns, 20 mm diameter	@1550 nm	-	-	≤ 0.5 dB
	@1625 nm	-	-	≤ 1.5 dB
Max Cut-off Wavelength (λ_{cc})		1260 nm	1450 nm	1260 nm

	MAX. ATTENUATION 1310/1550/1625 NM (DB/KM)	ZERO DISP^N WAVELENGTH (NM)	SLOPE AT ZDW (PS/NM^2.KM)	TYP CH. DISP. 1310/1550 NM (PS/NM.KM)	PMD IND.FIBRE/LDV (PS/KM)
G652.D	0.36/0.22/0.25	1302 -1324	≤ 0.092	≤ 3.0/≤ 18	≤ 0.1/≤ 0.06
G655 (NZDS)	- /≤0.23/0.25	–	Ds @ 1550 ≤ 0.092	2.8 ≤ D_{1550} ≤ 6.2	≤0.1/0.08
G657.A1	0.36/0.22/0.25	1302-1324	≤ 0.092	≤ 3/≤ 18	≤ 0.1/≤ 0.04

Multimode Fibres

FIBRE TYPE (CODE)	62.5 µm OM1 (62)	50 µm OM2 (50)	50 µm OM3 (53)	50 µm OM4 (55)
Typical Core diameter (µm)	62.5 ± 2.5	50.0 ± 2.5	50.0 ± 2.5	50.0 ± 2.5
Max Core-Clad Conc Error (µm)	1	1	1	1
Cladding diameter (µm)	125 ± 1	125 ± 1	125 ± 1	125 ± 1
Fibre Coating Diameter (Coloured)(µm)	250 ± 10	250 ± 10	250 ± 10	250 ± 10
Min G-Ethernet transmission distance at 850/1300 nm (m)	275/550	550/550	920/600	970/600

FIBRE TYPE	ATTENUATION 850 NM (DB/KM)	ATTENUATION 1300 NM (DB/KM)	MIN OVERFILLED BANDWIDTH 850 NM (MHZ.KM)	MIN OVERFILLED BANDWIDTH 1300 NM (MHZ.KM)	NUMERICAL APERTURE
62.5 µm (OM1)	3.0	1.0	200	500	0.275 ± 0.015
50 µm (OM2)	3.0	1.0	500	500	0.200 ± 0.015
50 µm (OM3)	3.0	1.0	1500 (300 m 10 GigEthernet)	500	0.200 ± 0.015
50 µm (OM4)	3.0	1.0	3500 (500 m 10 GigEthernet)	500	0.200 ± 0.015

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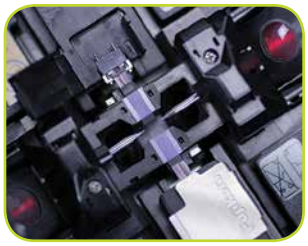
Fibre Cable

Cable Assemblies

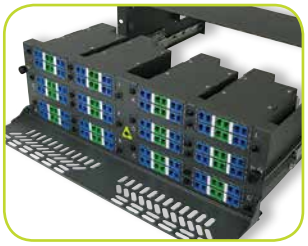
Enclosures & Racks

Test, Inspect & Locate

MTP Cabling System



Fibre Termination & Splicing



Fibre Passive Devices

Copper Cabling Systems

Harsh Environment

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