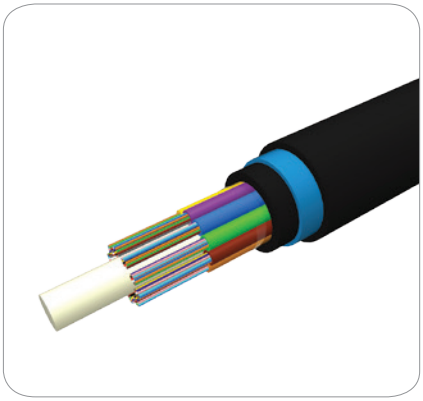


120 Fibre Stranded Loose Tube Cable with Sacrificial Sheath

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

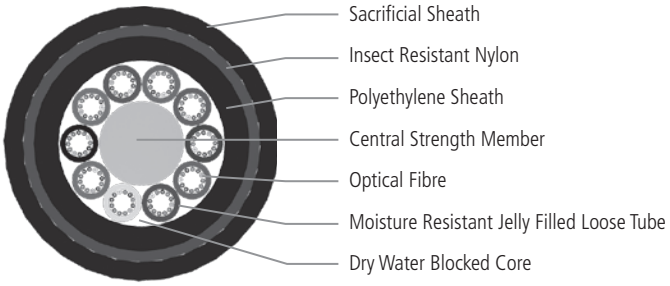
Applicable Specifications

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.

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