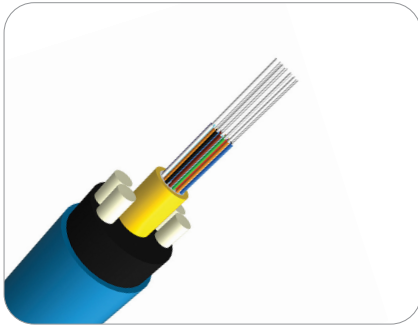
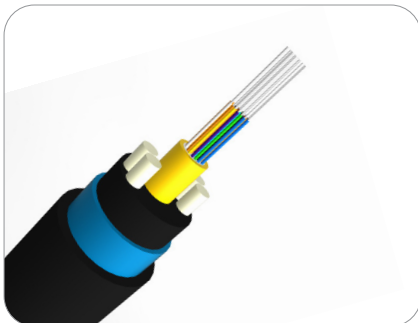
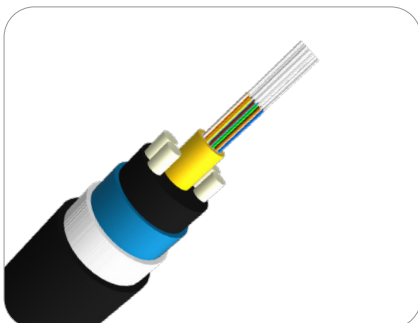




Termite Resistant



Termite Resistant + Sac Jacket



Termite & Rodent Resistant

QUADROD - High Strength Axial Loose Tube Cable

The Quadrod design integrates traditional 250µm buffered fibres, in a gel-filled axial loose tube, comprising up to 24 fibres. The fibres are band-marked above 12 fibre for easy identification.

Key to the high strength design is the use of 4 x FRP strength members embedded within the polyethylene inner jacket which is coupled to a robust tube to deliver enhanced Tensile and Crush performance.

The nylon jacket provides an insect resistant layer while optional UV stabilised polyethylene sacrificial sheath can be incorporated to protect the nylon from the rigors of installation.

Additionally, a Non-Metallic Armoured rodent resistance design is also available. The Non-Metallic Armour is applied over the termite barrier and bonded to an outer UV stabilised polyethylene sheath.

Features

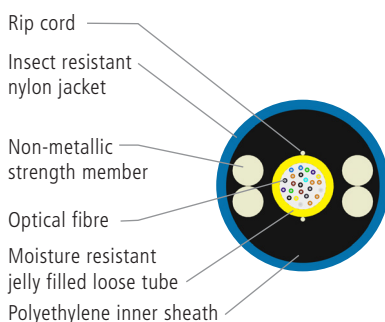
- Axial Loose Tube
- Up to 24 fibres
- Robust design available in:
 - Termite Resistant
 - Protected Termite Resistant
 - Termite & Rodent Resistant
- Increased mechanical performance over traditional stranded Loose Tube cables
- **Made in Australia**

Applications

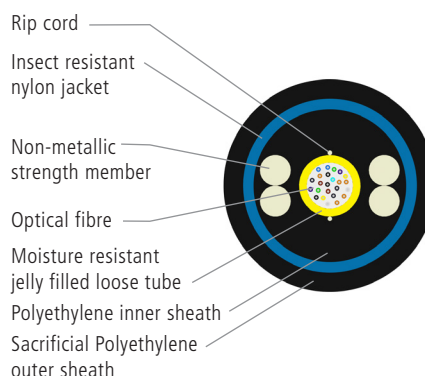
- Long Haul, Campus Backbone, Point to Point installations
- SCADA
- Duct or Direct Buried
- Option to be directly exposed to the elements - UV stable

Cable Components

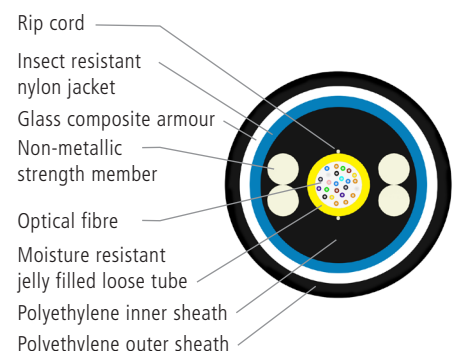
Termite Resistant



Termite Resistant + Sac Jacket



Termite & Rodent Resistant



QUADROD - High Strength Axial Loose Tube Cable

Optical Fibre Specifications

FIBRE DESIGNATOR**	FIBRE TYPE	MAXIMUM ATTENUATION (CABLED) dB/km			
		1310 NM	1550 NM	850 NM	1300 NM
1D	Singlemode G.652.d "LWP"	≤0.36	≤0.22	N/A	N/A
1E	Singlemode Premium G.652.d "LWP"	≤0.33	≤0.19	N/A	N/A
62	Multi-mode OM1 62.5um	N/A	N/A	≤3.0	≤1.0
53	Multi-mode OM3 50um	N/A	N/A	≤3.0	≤1.0
55	Multi-mode OM4 50um	N/A	N/A	≤3.0	≤1.0

Mechanical Data - Termite Resistant Cable

PART NUMBER	DESCRIPTION	FIBRE COUNT	TUBE DIAMETER	NOM. DIAMETER	NOM. WEIGHT	MAX TENSILE	MIN BEND RADIUS		CRUSH	IMPACT
			MM	MM	KG/KM	(kN)	UNDER LOAD	NO LOAD	(kN/100MM)	KG.M
L3D1**EA006BE	Axial LT, 4 x FRP, Polyethylene and Blue Nylon Outer Jacket	6	3.2	9	70	3	20 x OD	10 x OD	4	1.5
L3D1**EA008BE	Axial LT, 4 x FRP, Polyethylene and Blue Nylon Outer Jacket	8								
L3D1**EA012BE	Axial LT, 4 x FRP, Polyethylene and Blue Nylon Outer Jacket	12								
L3D1**EA024BE	Axial LT, 4 x FRP, Polyethylene and Blue Nylon Outer Jacket	24								

Mechanical Data - Termite Resistant Cable + Sacrificial Jacket

PART NUMBER	DESCRIPTION	FIBRE COUNT	TUBE DIAMETER	NOM. DIAMETER	NOM. WEIGHT	MAX TENSILE	MIN BEND RADIUS		CRUSH	IMPACT
			MM	MM	KG/KM	(kN)	UNDER LOAD	NO LOAD	(kN/100MM)	KG.M
L3H1**EA006BK	Axial LT, 4 x FRP, Polyethylene, Nylon & Black Outer PE Jacket	6	3.2	11	80	3	20 x OD	10 x OD	4	1.5
L3H1**EA008BK	Axial LT, 4 x FRP, Polyethylene, Nylon & Black Outer PE Jacket	8								
L3H1**EA012BK	Axial LT, 4 x FRP, Polyethylene, Nylon & Black Outer PE Jacket	12								
L3H1**EA024BK	Axial LT, 4 x FRP, Polyethylene, Nylon & Black Outer PE Jacket	24								

Note: Other Jacket colours available on request

Mechanical Data - Termite & Rodent Resistant Cable (Non-Metallic Armoured)

PART NUMBER	DESCRIPTION	FIBRE COUNT	TUBE DIAMETER	NOM. DIAMETER	NOM. WEIGHT	MAX TENSILE	MIN BEND RADIUS		CRUSH	IMPACT
			MM	MM	KG/KM	(kN)	UNDER LOAD	NO LOAD	(kN/100MM)	KG.M
N3D1**EB006BK	Axial LT, 4 x FRP, Polyethylene, Nylon, NMA & Black Outer PE Jacket	6	3.2	14	186	6	20 x OD	10 x OD	6	1.5
N3D1**EB008BK	Axial LT, 4 x FRP, Polyethylene, Nylon, NMA & Black Outer PE Jacket	8								
N3D1**EB012BK	Axial LT, 4 x FRP, Polyethylene, Nylon, NMA & Black Outer PE Jacket	12								
N3D1**EB024BK	Axial LT, 4 x FRP, Polyethylene, Nylon, NMA & Black Outer PE Jacket	24								

Note: Other Jacket colours available on request

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
AS/CA	S008	Cable
IEC	60794	Cable
Standards Australia	AS 1049	Materials
IEC	60793	Fibre
ITU-T	G.652 / G.657.A1 / G.651.1	Fibre
TIA	598-D	Fibre

Temperature Specifications

TEMPERATURE RANGE	
Operating	-40°C to +70°C
Storage	-40°C to +70°C
Installation	-30°C to +60°C

Contact AFL for additional information or cable design assistance