

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

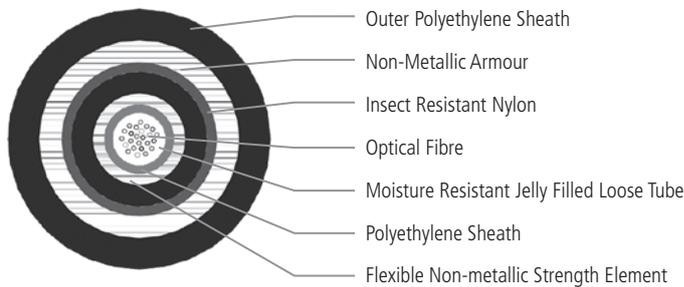
Applicable Specifications

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.