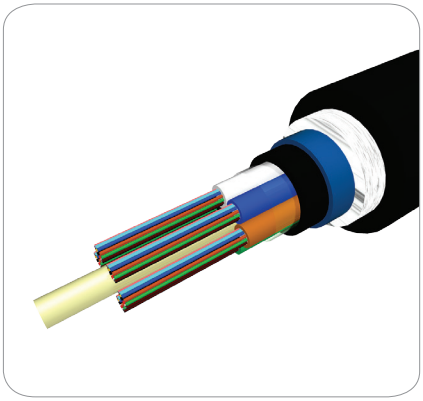


72 Fibre Non-Metallic Armoured Stranded Loose Tube Cable with LSZH Sheath

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 and contained within a dry, water blocked cable core, sheathed with polyethylene (PE), termite resistant nylon, glass composite armour and outer Low-Smoke Zero Halogen (LSZH) sheath. Surface printing includes length marking at one metre intervals.

Part Number

NMD6**PM0††##
NKD6**PM0¥¥##

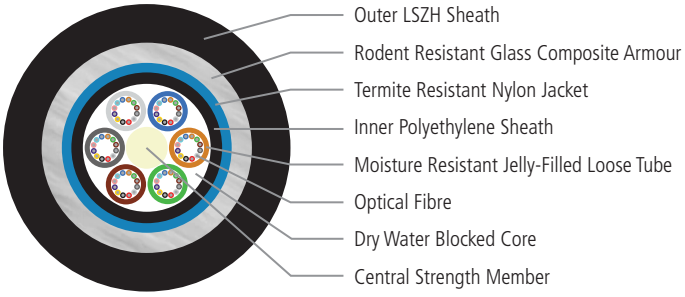
Applicable Specifications

AS/CA S008, AS 1049, AS/NZS 11801-1, AS/NZS IEC 60332.1, AS/NZS IEC 60332-3-24, TIA-598-D, IEC 60793, IEC 60794, ITU-T Recommendations

Applications

Non-metallic armoured stranded loose tube cable is ideal for short and long-haul, point-to-point, point-to-multipoint and backbone applications. The glass composite armour over the Nylon Jacket provides rodent resistance and robustness to the cable, whilst increasing the tensile strength. The LSZH sheath minimises the flammability content of the cable and makes it suitable for use in indoor, free draining duct/conduit, protected (non-UV exposed) environments such as road/rail tunnels.

Cable Components



Physical Characteristics

SPECIFICATION		UNIT	VALUE
Nominal Tube Diameter		mm	2.0
Nominal Cable Diameter		mm	14.5
Nominal Weight		kg/km	220
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	Short-term (10 min)	kN/100 mm	2.5
	Long-term (120 min)	kN/100 mm	2.5
Impact		kg.m	1.5

** Represents any fibre type, 1D = SM G.652.D "LWP", 1E = SM premium G.652.D "LWP", 1F = SM G.657.A1, 62 = 62.5 µm multimode "OM1", 53 = 50 µm multimode "OM3", 55 = 50 µm multimode "OM4". Contact AFL for other fibre types.

†† Represents any fibre-count up to 72 (NMD6 - 12F/Tube).

¥¥ Represents any fibre-count up to 36 (NKD6 - 6F/Tube).

Represents LSZH sheath colour, BK = Black, BE = Blue, WE = White ,YW = Yellow, other colours available on request.

Refer to OSP Cable - Optical Characteristics for further information.