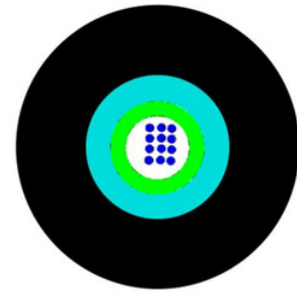


Universal Distribution Standard Loose Tube Multimode Cable with 2-24 Fibres



Universal Standard Loose tube optical fibre cables have been designed specifically for applications at the home or business, and used for LAN, WAN backbones and telecom access lines. These cables are suitable for internal/external ducts and have Glass Yarn Armouring in the form of high tensile yarns to offer strength and basic rodent protection.

Features

- Sequentially Metre Marked
- Internal/External Grade
- LSOH Black Sheath
- Bend insensitive
- Duct Grade
- CPR compliant to Eca
- Cut to length service

Standards

ISO 11801-1, EN 50173-1:2011, IEC 60794-1

Flame Resistance

LSHF (LSOH): IEC 60332-1-2; IEC 60754-1, IEC 60754-2; IEC 61034-2; Class Eca

Construction

Loose Tube	ø2.8mm gel-filled loose tube with 2-16 fibres; ø3.5mm loose tube with 24 fibres
Fibre Colour Code	1Red13Red w/mark every 70mm
	2Green14Green w/mark every 70mm
	3Blue15Blue w/mark every 70mm
	4Yellow16Yellow w/mark every 70mm
	5White17White w/mark every 70mm
	6Grey18Grey w/mark every 70mm
	7Brown19Brown w/mark every 70mm
	8Violet20Violet w/mark every 70mm
	9Turquoise21Turquoise w/mark every 70mm
	10Black22White w/mark every 35mm
	11Orange23Orange w/mark every 70mm
	12Pink24Pink w/mark every 70mm
Strength Member	Water-blocked E- Glass fibre elements
Sheath	1.0mm, Black, UV stabilised, EN 50290-2-27
Sheath Marking	EXAMPLE: *METRE MARKED* - FASTFIBRE OPTICAL FIBRE CABLE SLTS204BKLSZHEF 4 FIBRE SLT OS2 9/125 ECA *BATCH NUMBER* * WEEK/YEAR*

Universal Distribution Standard Loose Tube Multimode Cable with 2-24 Fibres

Physical Properties

Attribute	IEC 60794-1-21/22 Method	Limits
Nominal Diameter [mm]	-	2-24 fibres: 5.8mm
Nominal Weight [kg/km]	-	2-24 fibres: 40kg/km
Tensile Strength (dynamic)	E1	2000 N (fibre strain \leq 0.6%)
Tensile Strength (permanent)	E1	750 N (fibre strain \leq 0.2%)
Crush (compressive strength)	E3	2000 N / 100mm
Impact	E4	15 Nm (no attenuation change, no broken cable elements)
Torsion	E7	5 cycles \pm 1 Turn
Kink	E10	The cables do not form a kink when a loop is drawn together to a diameter of 100mm
Minimum bending Radius, unloaded	E11	R=58mm
Minimum bending Radius, loaded	-	R=116mm
Temperature Range	F1	Operation -30°C to +60°C Storage -40°C to +60°C Installation -30°C to +40°C
Water penetration	F5B	No water on free end
Heat of Combustion	-	2-24 fibres 630 MJ/km = 0.18 kWh/m

Ordering Information

Part Number	Description
SLTM304BKLSZHEF	Internal/External Standard Loose Tube Fibre 4 Core OM3
SLTM308BKLSZHEF	Internal/External Standard Loose Tube Fibre 8 Core OM3
SLTM312BKLSZHEF	Internal/External Standard Loose Tube Fibre 12 Core OM3
SLTM324BKLSZHEF	Internal/External Standard Loose Tube Fibre 24 Core OM3
SLTM404BKLSZHEF	Internal/External Standard Loose Tube Fibre 4 Core OM4
SLTM408BKLSZHEF	Internal/External Standard Loose Tube Fibre 8 Core OM4
SLTM412BKLSZHEF	Internal/External Standard Loose Tube Fibre 12 Core OM4
SLTM424BKLSZHEF	Internal/External Standard Loose Tube Fibre 24 Core OM4