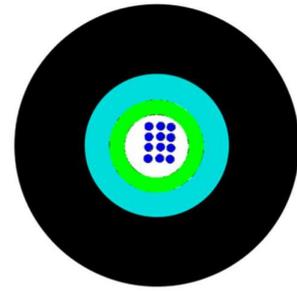


Universal Distribution Standard Loose Tube Multimode Cable with 2-24 Fibres



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	1	Red	13 Red w/mark every 70mm
	2	Green	14 Green w/mark every 70mm
	3	Blue	15 Blue w/mark every 70mm
	4	Yellow	16 Yellow w/mark every 70mm
	5	White	17 White w/mark every 70mm
	6	Grey	18 Grey w/mark every 70mm
	7	Brown	19 Brown w/mark every 70mm
	8	Violet	20 Violet w/mark every 70mm
	9	Turquoise	21 Turquoise w/mark every 70mm
	10	Black	22 White w/mark every 35mm
	11	Orange	23 Orange w/mark every 70mm
	12	Pink	24 Pink 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 ≤ 0.6%)	
Tensile Strength (permanent)	E1	750 N (fibre strain ≤ 0.2%)	
Crush (compressive strength)	E3	2000 N / 100mm	
Impact	E4	15 Nm (no attenuation change, no broken cable elements)	
Torsion	E7	5 cycles ± 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 Storage Installation	-30°C to +60°C -40°C to +60°C -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

Contact us at: sales@matrixgn.com

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