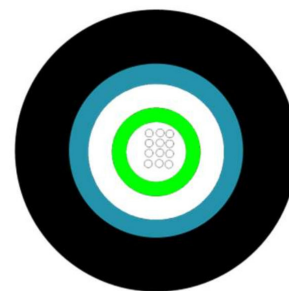


Universal Distribution Loose Tube CST Multimode Cable up to 24 Fibres



Universal Loose tube corrugated steel tape (CST) armoured optical fibre cables have been designed specifically for applications requiring a high degree of mechanical protection, including direct burial. These compact cables are extremely rugged, provide rodent resistance and are quick and easy to install.

Features

- Sequentially Metre Marked
- Internal/External Grade
- LSOH Black Sheath
- Corrugated Steel Tape Armour
- Bend Insensitive
- Duct Grade
- Rodent Resistant
- CPR compliant to Eca
- Cut to length service

Standards

ISO 11801-1, EN 50173-1:2002, 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 2-24 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	E- Glass yarns			
Armouring	0.15mm corrugated steel tape			
Sheath	1.5mm, Black, UV stabilised, EN 50290-2-27			
Sheath Marking	EXAMPLE: "METRE MARKED" - FASTFIBRE OPTICAL FIBRE CABLE STAM308B-KLSZHEF 8 FIBRE CST OM3 50/125 ECA "BATCH NUMBER" * WEEK/YEAR"			

Universal Distribution Loose Tube CST Multimode Cable up to 24 Fibres

Physical Properties

Attribute	IEC 60794-1-21/22 Method	Limits		
Nominal Diameter [mm]	-	2-24 fibres: 8.5mm		
Nominal Weight [kg/km]	-	2-16 fibres: 75kg/km		
Tensile Strength (dynamic)	E1	1000 N		
Tensile Strength (permanent)	E1	500 N		
Crush (compressive strength)	E3	2000 N / 100mm		
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	E11	R=55mm		
Temperature Range	F1	Operation Storage and Installation	-40°C to +70°C -40°C to +70°C	
		The max. attenuation variation in the operational temperature range is: For M6 and M5 fibres: 0.5 dB/km For SM fibres: 0.2 dB/km		
Heat of Combustion		2-16 fibres	1200 MJ/km	0.33 kWh/m
		24 fibres	1300 MJ/km	0.36 kWh/m

Ordering Information

Part Number	Description
STAM304BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 4 Core OM3
STAM308BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 8 Core OM3
STAM312BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 12 Core OM3
STAM324BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 24 Core OM3
STAM404BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 4 Core OM4
STAM408BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 8 Core OM4
STAM412BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 12 Core OM4
STAM424BKLSZHEF	Internal/External Loose Tube Fibre CST Armoured Cable 24 Core OM4

Contact us at: sales@matrixgn.com

© 2018, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied: Any modification or alteration afterwards of product may give different result. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Global Networks Group Ltd. The information is believed to be correct at the time of issue. We reserve the right to amend this specification without prior notice.