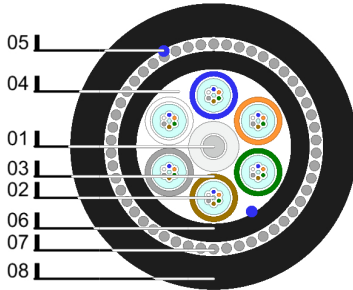




Metallic Armoured Multitube Cable (Up to 96 FO)



Cable Description

- 01. Central Element
- 02. Fibre Optics
- 03. Loose Tubes (Jelly Filled)
- 04. Strength Members
- 05. Ripcords
- 06. Inner Jacket
- 07. Metallic Armour
- 08. Outer Jacket

Applications

Universal (Indoor/Outdoor)

Rodent protection

Excellent rodent resistance

Options

Special colour code (TIA 598)
Jackets: PVC / PE / PA

Fire Resistance

Flame retardant (IEC 60332-1/-3)
Halogen free (IEC 60754-1/-2)
Low smoke emission (IEC 61034-2)

CPR Classification (Euroclass)

Reaction to Fire: Eca
Declaration Code: DOP01250

Advantages

Compact / Tough / Resistant / Reduced diameter / Watertight / Excellent rodent resistance



MOISTURE PROTECTED

WATERTIGHT

ULTRAVIOLET RESISTANCE

RODENT PROTECTION

FLAME RETARDANT

LOW SMOKE EMISSION

HALOGEN FREE

SPECIFICATIONS

	12	24	36	48	72	96
Fibres	12	24	36	48	72	96
Total / Active Tubes	6 / 1	6 / 2	6 / 3	6 / 4	6 / 6	8 / 8
Fibres per Tube	12					
Strength Members	Reinforced Fiberglass Yarns WB (Waterblocking)					
Inner Jacket	LSZH ¹ - Black					
Armour	Steel Wire Armour					
Outer Jacket	LSZH ¹ - Black					
Outer Ø (mm)	14.0 ±0.5	14.0 ±0.5	14.0 ±0.5	14.0 ±0.5	14.0 ±0.5	15.3 ±0.5
Weight (Kg / Km)	318	319	320	321	322	375
Max. Tensile Load (N)	4500 (Operating) / 6000 (Installation) - (IEC 60794-1-21 E1)					
Max. Crush (N/10cm)	3000 (IEC 60794-1-21 E3)					
Max. Impact (J)	10 (IEC 60794-1-21 E4)					
Water Penetration	According (3m / 1m / 24h / Optical core / IEC 60794-1-22 F5B)					
Temperature Range	-40°C to +70°C (Operating) / -10°C to +50°C (Installation) – (IEC 60794-1-22 F1)					
Min. Bending Radius (mm)	15 x Outer Ø (Operating) / 20 x Outer Ø (installation) (IEC 60794-1-21 E11)					

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise.

Tubes colour code: Red - Green - Natural - ... - Natural. Passive tubes colour Black.

¹ LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.