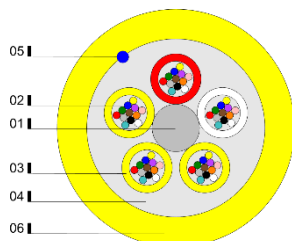


OPTRAL



DT-DC XtremeFire / I-B(ZN)BH

Flexible and dielectric Multitube Cable (Up to 144 Fo)



Cable Description

- 01. Central Element (GRP)
- 02. Fibre Optics
- 03. Flexible loose Tube (Dry Tubes)
- 04. Fiberglass Reinforcements - WB
- 05. Ripcord
- 06. Outer Jacket

Fire performance

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

Applications

- Indoor
- Data Centres

Rodent protection

- Rodent protected

CPR Classification (Euroclass)

- Reaction to Fire: Cca, s1a, d1, a1
- Declaration Code: DOP01056

Advantages

- Compact / Flexible / Small diameter / Small bending radius / Tough / Resistant / Totally dielectric / Gel free



	SPECIFICATIONS							
Fibre count	12	24	36	48	60	72	96	144
Fibres per Tube	12	12	12	12	12	12	12	12
Total Tubes	5	5	5	5	5	6	8	12
Active Tubes	1	2	3	4	5	6	8	12
Nom. Tube Ø (mm)	1.6 ± 0.15							
Strength Members	Reinforced Fibreglass Yarns WB (Waterblocking)							
Outer Jacket	LSZH-Xtreme ¹							
Colour	ORG (RAL2003) MM62 / BLU (RAL5015) MM50-OM2 / AQU (RAL6027) OM3 / VIC (RAL4003) OM4 / LIME GREEN OM5 / YLW (RAL1021) OS1 & OS2							
Weight (Kg/Km)	72	72	73	73	74	82	109	167
Outer Ø (mm)	8.1 ± 0.5					8.5 ± 0.5	9.5 ± 0.5	12.3 ± 0.5
Max. Tensile Load (N)	1800 (Operation) / 3000 (Installation) – (IEC 60794-1-21 E1)							
Max. Crush (N/10cm)	1000 (Installation; IEC 60794-1-21 E3)							
Max. Impact	3 impacts, 2J, r = 300mm (IEC 60794-1-21 E4)							
Temperature Range	-30°C to +70°C (Operation) / -10°C to +50°C (Installation) - (IEC 60794-1-22 F1)							
Min. Bending Radius	10 x Outer Ø (Operation) / 15 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-Xtreme: Halogen free, low smoke and flame retardant thermoplastic compound with special properties against fire.