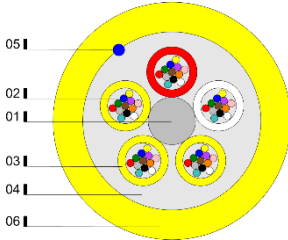




## DT-DC XtremeFire+ / I-B(ZN)BH

### Flexible and dielectric Multitube Cable (Up to 96 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: B2ca, s1a, d1, a1
- Declaration Code: DOP01055

#### Advantages

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



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

#### SPECIFICATIONS

	2-12	24	36	48	60	64	72	96	
<b>Fibre count</b>	2-12	24	36	48	60	64	72	96	
<b>Fibres per Tube</b>	2-12	12	12	12	12	8	12	12	
<b>Total Tubes</b>	5	5	5	5	5	8	6	8	
<b>Active Tubes</b>	1	2	3	4	5	8	6	8	
<b>Nom. Tube Ø (mm)</b>	1.6 ± 0.15								
<b>Strength Members</b>	Reinforced Fibreglass Yarns WB (Waterblocking)								
<b>Outer Jacket</b>	LSZH-Xtreme <sup>1</sup>								
<b>Colour</b>	ORG (RAL2003) MM62 / BLU (RAL5015) MM50-OM2 / AQU (RAL6027) OM3 / VIC (RAL4003) OM4 / LIME GREEN OM5 / YLW (RAL1021) OS-1/2								
<b>Weight (Kg/Km)</b>	72	72	73	73	74	119	82	120	
<b>Outer Ø (mm)</b>	8.1 ± 0.5					10.0 ± 0.5	8.5 ± 0.5	10.0 ± 0.5	
<b>Max. Tensile Load (N)</b>	1800 (Operation) / 3000 (Installation) – (IEC 60794-1-21 E1)								
<b>Max. Crush (N/10cm)</b>	1000 (Installation; IEC 60794-1-21 E3)								
<b>Max. Impact</b>	3 impacts, 2J, r = 300mm (IEC 60794-1-21 E4)								
<b>Temperature Range</b>	-30°C to +70°C (Operation) / -10°C to +50°C (Installation) - (IEC 60794-1-22 F1)								
<b>Min. Bending Radius</b>	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.

<sup>1</sup> LSZH-Xtreme: Halogen free, low smoke and flame retardant thermoplastic compound with special properties against fire.