

U-BQ(ZN)BH C_{ca}

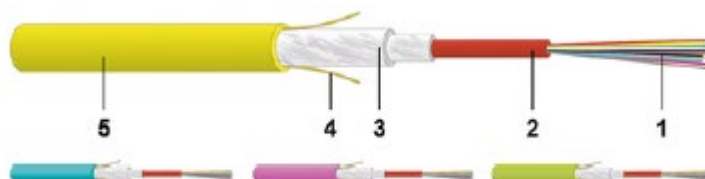
Fibre optic cable

70 °C service temperature, universal cable, central loose tube, longitudinally watertight, non-metallic armouring, UV resistant
IEC 60793, IEC 60794, ITU-T, VDE 0888, EN 50757

Application

Zero halogen universal (indoors and outdoors) fibre optic cable with improved fire characteristics. Central loose tube and non-metallic rodent protection for campus/backbone cabling and structured cabling. Suitable for installation in applications involving more rigorous mechanical requirements as well as risk of rodent damage. For fixed installation indoors and outdoors. Suitable for laying in cable trays, ducts and vertical shafts.

Construction



- | | |
|-----------------------|--|
| 1. Fiber: | Optical fibres
Colours according to IEC 60304 |
| 2. Tube: | Gel-free loose tube
Up to 24 color-coded optical fibres (4, 6, 8, 12, 24) |
| Water tightness: | Water swellable elements |
| 3. Ripchord | |
| 4. Strength elements: | Non-metallic stress relief elements (glass rovings) |
| 5. Outer sheath: | Zero halogen compound, OS2 yellow
OM3 turquoise
OM4 heather violet
OM5 lime green |

Technical information

Fibre quality	Singlemode Multimode	ITU-T G.652.D OS2 ITU-T G.651: OM2, OM3, OM4, OM5
Operating temperature	fixed installation	-25 °C to 70 °C
Installation temperature		-10 °C to 50 °C
Min. bending radius mm	static	15 x outer diameter in mm
Safety parameters		
Reaction to fire		EN 50399 C _{ca} – s1a, d1, a1
Additional parameters		
Max. tensile load	continuous short term	1000 N for Ø7,6mm and 1500 N for Ø 8,2mm 3000 N for Ø7,6mm and 3500 N for Ø 8,2mm
Crush resistance	continuous short term	1000 N 5000 N
UV resistant		EN 50289-4-17:2015 (UVA-340)
Water penetration		IEC 60794-1-22 F5
Impact		IEC 60794-1-21 E4
Repeated bending		IEC 60794-1-21 E6
Torsion		IEC 60794-1-21 E7
Bend		IEC 60794-1-21 E11

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Tube	Fibre per tube	Outer Ø nom. approx. mm	Weight nom. approx. kg/km
1	4, 6, 8 or 12	7,6	68
1	24	8,2	78

La version française de cette fiche technique est disponible sur demande.
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.