

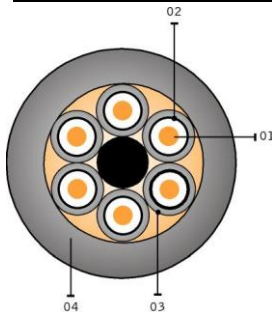
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OPTRAL



Mini – CDIR (2.1 mm) / I-V(ZN)HH

Breakout Cable (Up to 24 FO)



Cable Description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Strength Members
- 03. Individual Jacket (Ø 2.1 mm)
- 04. Outer Jacket

Fire performance

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

Applications

Indoor
Direct connection to terminal equipments
Based on DIN VDE 0888 part 6

Options

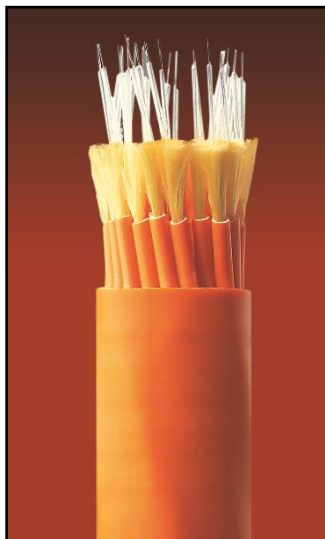
Jackets: PVC / PU / LSZH-LT
Special colour code

CPR Classification (Euroclass)

Reaction to Fire: Dca, s2, d2, a1
Declaration Code: DOP02100

Advantages

Compact / Resilient / Tough / Excellent mechanical resistance / Easy to strip (gel free) /
Totally dielectric / Reduced diameter / Direct connectorization.



SPECIFICATIONS

Fibres	2	4	6	8	12	16	24
Subcables strength members	Aramid Yarns						
Central Filler	Yes						
Subcables jacket	LSZH ¹						
Identification	Numbers						
Outer jacket	LSZH ¹						
Colour	ORG(RAL2003) MM62 / BLU(RAL5015) MM50-OM2 / AQU (RAL6027) OM3 / VIO (RAL4003) OM4 / LIME GREEN OM5 / YLW (RAL1021) OS-1/2						
Weight (Kg/Km)	45	45	63	89	153	136	217
Outer Ø (mm)	7.1 ± 0.3	7.1 ± 0.3	8.3 ± 0.3	9.8 ± 0.3	12.6 ± 0.5	12.5 ± 0.5	15.5 ± 0.5
Tensile Load Perm / Inst (N)	400 / 700	600 / 1000	900 / 1550	1200 / 2050	1700 / 2900	2200 / 3500	2200 / 3500
Max. Crush (N/dm)	1500 (IEC 60794-1-21 E3)						
Temperature Range	-20°C to +70°C (IEC 60794-1-22 F1)						
Min. Bending Radius (mm)	20 x Outer Ø (IEC 60794-1-21 E11)						

Standards

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

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.

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