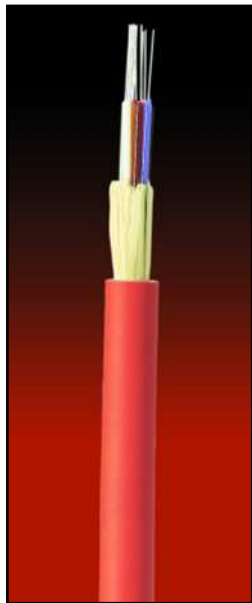
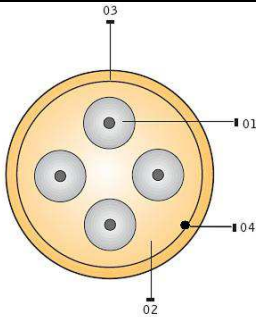


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# OPTRAL

## CDI / I-V(ZN)H

### Indoor Distribution Cable (Up to 12 Fo)



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

#### Cable Description

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

#### Fire Resistance

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

#### Applications

Indoor  
Based on DIN VDE 0888 part 6.

#### Options

Jackets: PVC / PU  
Special colour code

#### CPR Classification (Euroclass)

Reaction to Fire: Dca, s1, d1, a1  
Declaration Code: DOP02001

#### Advantages

Compact / Lightweight / Flexible / Easy to strip (gel free) / Totally dielectric / Reduced diameter / Direct connectorization / Saves installation costs.



### SPECIFICATIONS

	2	4	6	8	12
<b>Fibres</b>	2	4	6	8	12
<b>Central Element</b>	NO	NO	YES	YES	YES
<b>Strength Members</b>	Aramid Yarns				
<b>Outer Jacket</b>	LSZH <sup>1</sup>				
<b>Colour<sup>2</sup></b>	ORG(RAL2003) MM62 / BLU(RAL5015) MM50-OM2 / AQU (RAL6027) OM3 / VIO (RAL4003) OM4 / LIME GREEN OM5 / YLW (RAL1021) OS-1/2				
<b>Weight (Kg/Km)</b>	20	24	31	40	54
<b>Outer Ø (mm)</b>	4.5 ±0.3	4.9 ±0.3	5.6 ±0.3	6.3 ±0.3	7.3 ±0.3
<b>Max. Tensile Load Perm / Inst (N)</b>	400 / 700		500 / 850		600 / 1000
<b>Max. Crush (N/dm)</b>	1000 (IEC 60794-1-21 E3)				
<b>Temperature Range</b>	-10°C to +60°C (IEC 60794-1-22 F1)				
<b>Min. Bending Radius (mm)</b>	20 x Outer Ø (IEC 60794-1-21 E11)				
<b>Maximum Length (m)</b>	4200 ±5%				

#### Standards

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

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

<sup>1</sup>LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.

<sup>2</sup> For singlemode fibre G.657 the jacket colour is ivory.

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