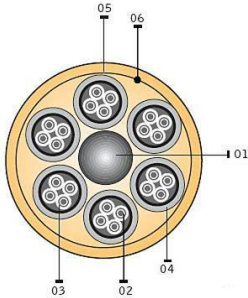


CDI Subcables / I-V(ZN)H

Distribution Cable Indoor (16 - 144 FO)



Cable description

- 01. Central Element (GRP)
- 02. Tight Buffer Fibre (0.9 mm)
- 03. Strength Members
- 04. Jacket (Subcables)
- 05. Outer Jacket
- 06. Ripcord

Fire Resistance

- Flame retardant (IEC60332-1)
- Halogen free (IEC60754-1/-2)
- Low smoke emission (IEC61034-2)

Applications

Indoor
 Based on DIN VDE 0888 part 6.

Options

Jackets: PVC / PU
 Special colour code

CPR Classification (Euroclass) (*)

Reaction to Fire: Dca, s2, d2, a1
 Declaration Code: DOP02050

(*) Available up to 24 FO

Advantages

Tough / Compact / Easy to strip (gel free) / Totally dielectric / Direct connectorization / Saves installation costs.



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

SPECIFICATIONS

	16	24	32	36	48	64	72	96	144
Fibres	16	24	32	36	48	64	72	96	144
Strength Members	Aramid Yarns								
Subcables / FO in Subcable	4 / 4	6 / 4	4 / 8	3+1 / 12	4 / 12	8 / 8	6 / 12	8 / 12	12 / 12
Subcables jacket	LSZH ¹								
Identification	Numbers								
Outer jacket	LSZH ¹								
Colour	Orange (MM62) / Blue (MM50) / Yellow (SM)								
Weight (Kg/Km)	105	155	171	190	202	378	320	452	342
Outer Ø (mm)	10.8 ±0.5	12.9 ±0.5	14.8 ±0.5	16.0 ±0.5	16.0 ±0.5	21.2 ±0.5	19.6 ±0.5	23.0 ±0.5	25.5 ±0.5
Max. Tensile Load (N)	1000	1550	2000	2300	3400	3500	3500	3500	3500
Max. Crush (N/dm)	1500 (IEC 60794-1-21 E3)								
Temperature Range	-20°C to +70°C (operating) - (IEC 60794-1-22 F1)								
Min. Bending Radius (mm)	20 x Outer Ø - (IEC 60794-1-21 E11)								
Maximum Length (m)	1800							1000	

Standards

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

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

¹LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.