



I-V(ZN)HH Break SZ

Tight Buffer Breakout GRP SZ Single LSZH Jacket Indoor Type Fiber Optic Cable

Overview - I-V(ZN)HH Break SZ

Breakout cables I-V(ZN)HH Break SZ are designed to use in Inter Building and Intra-building Voice or Data Communication. 2.0mm sun-units are stranded around GRP with SZ method. 2.0 mm-breakout elements consist of 900µm tight buffers contains aramide yarn inside. To comply with the strict fire safety requirements for indoor applications, cables with halogen-free and flame-retardant cladding are required, since these ensure that a fire is not propagated further along cables, and that cables do not produce corrosive or toxic gases. Ripcord is available under cable outer jacket.

Compliance

- DIN VDE 0888 Part 6; IEC 61034; IEC 60332-1&2; IEC 60754-2; IEC 60794-1&2

Application

- LAN
- Inter Building and Intra-building Voice or Data Communication
- Networks
- WAN
- Installed in Ducts &
- Vertical Riser and General Horizontal Applications
- LAN
- Fttx Cabling
- Breakout Design Permitting
- Termination of the Fibers in the Field
- For Multi Fiber Pre-Terminated Cable Assemblies
- Fan Out

Features and Benefits

- Easy to Strip Direct Termination
- Enforced with Non-Metallic Strength Members Complete Dry Design
- Flexible
- All Dielectric
- Halogen Free Fire Retardant / Low

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Specification

Fibers	2	4	6	8	12	16	24
Strength members	Aramid Yarns						
Subunit Ø (mm)	2.0						
Subunit jacket	FR-LSZH						
Identification	Numbers / Colors						
Central Strength Member	GRP						
Outer jacket	FR-LSZH						
Weight (Kg/Km)	47	54	74	96	153	186	210
Outer Ø (mm)	6,8	7.0	9.2	11	15	14.8	18
Tensile Load Perm / Inst (N)	600/1000	800/1350	1200/2050	1600/2700	2400/3500	3200/3500	3500/4500
Optical Characteristics	62,5/125 OM1		50/125 OM2	50/125 OM3	50/125 OM4	9/125 G.652-D	9/125 G.657A
Bandwidth (nm)	850/1300		850/1300	850/1300	850/1300	1310/1550	1310/1550
Attenuation (max dB/km)	3.2/1.2		3.0/1.0	2.8/0.8	2.7/0.7	0.34/0.25	0.34/0.22
Crush (N)	2000 (IEC 60794-1-2 E3)						
Temperature Range	-20 °C to +60 °C (IEC 60794-1-2 F1)						
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-2 E11)						

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