



## I-A-V(ZN)H(BN)H

# Tight Buffer Mini Breakout Single LSZH Jacket Indoor Type Fiber Optic Cable

## Overview - I-A-V(ZN)H(BN)H

The mini breakout cable - I-A-V(ZN)H(BN)H is the ideal fiber to the desk solution for direct connector fitting. Due to its compact design it is easy to install, where space is limited it is perfect and economic solution. The 900µm tight buffers are individually colored and surrounded by glass yarns. Depending on the transmission rate required and the distance to be covered, either multimode fibers with various specifications or singlemode fibers are used for these cables. 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.

## Compliance

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

## Application

- Indoor application
- Installation in shafts, underfloor area
- Secondary cabling (vertical): riser area (backbone)
- Tertiary cabling (horizontal): working area, fiber-to-the-desk FTTD
- Trunk cable, patch- and adapter cable
- Indoor cable
- Non-metallic, halogenfree, gel free
- Suitable for connector assembly

## Features and Benefits

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

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- Low Installation Cost
- Non Metallic Design

## Specification

Fibers	2	4	6	8	12	16	24
Strength members	Aramid Yarns or Glass yarn						
Tight Buffer Ø (µ)	900±50						
Tight Buffer jacket	LSZH						
Identification	Colors and black ring colors						
Outer jacket	LSZH						
Weight (Kg/Km)	26	31	42	48	54	67	85
Outer Ø (mm)	4.5	5.5	6.0	6.8	7.2	8.0	8.6
Tensile Load Perm / Inst (N)	400/6 00	400/6 00	600/1000	600/1000	800/1200	1000/1600	1200/200 0
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) Attenuation	850/1300		850/1300	850/1300	850/1300	1310/1550	1310/155 0
(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)	1000 (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)						
Max. Length (m)	2000						

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