



I-V(ZN)HH 2x1 Flat DX

Tight Buffer 2x1 Flat Drop DX Single LSZH Jacket Indoor Type Fiber Optic Cable

Overview - I-V(ZN)HH 2x1 Flat DX

Indoor Tight Buffer cable - I-V(ZN)HH 2x1 Flat DX (Doublex)– is designed to use in distribution systems, for connecting terminals as well as for fixed installation. Two single-fiber cables arranged in parallel beside each other with non-metallic strength member (aramid) and a halogen-free, flame-retardant subunit jacket (Ø 2.0 or 2.8 mm) Robust and flexible fibre optic cable with semi tight buffer 0.9 mm in a common sheath. Easy handling, easy to strip off. Low fire load.

Compliance

- EN 50173-1, IEC 60754-2, IEC 60794-1&2, IEC 60793-1&2, IEC 60332-1 & 2

Application

- LAN
- Fan Out
- Direct Connection to Terminal Equipments Indoor Interconnect and Patchcord Applications Drop Cabling in FTTH Cabling
- Suitable for breakout and patch cables between terminal distributors and/or end devices.
- For direct termination with connectors. Can also be spliced in terminal distributors.

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					
Strength Members	Aramid Yarns					
Sub-Unit Jacket	LSZH					
Outer Jacket	LSZH					
Sub-Unit Ø (mm)	2.0			2.8		
Weight (kg/km)	24			32		
Outer Ø (mm)	3.0x6.0			3.8x5.6		
Tensile Load Perm/Inst(N)	300/500			400/700		
Optical Characteristics	62,5/125 OM1	50/125 OM2	50/125OM 3	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/10cm)	600 (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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