J-V(ZN)H 2x1 DX Zip

Duplex zipcord indoor patch cable

FIBERS	OUTER JACKET	PROTECTION
2	LSZH	Aramid



Indicative construction. Fiber count and colors vary by configuration.

Overview

Two individually jacketed simplex cords joined in a duplex zipcord geometry. Aramid yarn supports the tight-buffered fibers for indoor interconnects and direct connector assembly.

Construction

- Two joined LSZH simplex jackets
- Aramid yarn strength members
- Tight buffers
- Optical fibers

Applications

- Indoor interconnects and duplex patch cords
- Pigtail and jumper connections
- Direct connection to terminal equipment
- Communication equipment, cabinets and frames

Features

Dry, all-dielectric construction | Direct termination | LSZH sheath for indoor routing | Flexible, compact design

Referenced standards

DIN VDE 0888 Part 4; IEC 61034; IEC 60332-1/2; IEC 60754-2; IEC 60794-1/2.

Referenced standards do not establish a CPR class or a separate fire-resistance rating. Request the documents matching the supplied construction.

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Technical specifications

Construction data

Fibers	2
Strength members	Aramid yarns
Sub-unit / outer jacket	LSZH
Tight-buffer options	650 ±50 µm / 900 ±50 µm

Dimensional and mechanical schedule

Cable size / mm	kg/km	Service / N	Install. / N
1.6 x 3.2	5.5	100	200
1.8 x 3.6	6.5	100	200
2.0 x 4.1	8.4	150	300
2.4 x 4.9	11.5	150	300
2.8 x 5.9	16.0	200	400
3.0 x 6.2	19.0	200	400

Optical characteristics

Fiber grade	Core / cladding / µm	Wavelength / nm	Max. loss / dB/km
OM1	62.5/125	850 / 1300	3.2 / 1.2
OM2	50/125	850 / 1300	3.0 / 1.0
OM3	50/125	850 / 1300	2.8 / 0.8
OM4	50/125	850 / 1300	2.7 / 0.7
G.652.D	9/125	1310 / 1550	0.34 / 0.25
G.657A	9/125	1310 / 1550	0.34 / 0.22

General performance

Crush resistance	200 N/10 cm (IEC 60794-1-2 E3)
Temperature range	-20 to +60 °C (F1)
Minimum bending radius	20D (E11)

Dimensional options are shown independently of the optical-fiber options. Confirm the selected cable size, buffer diameter and fiber grade when ordering.

D = outer cable diameter. Service / installation = permanent / temporary tensile load.

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