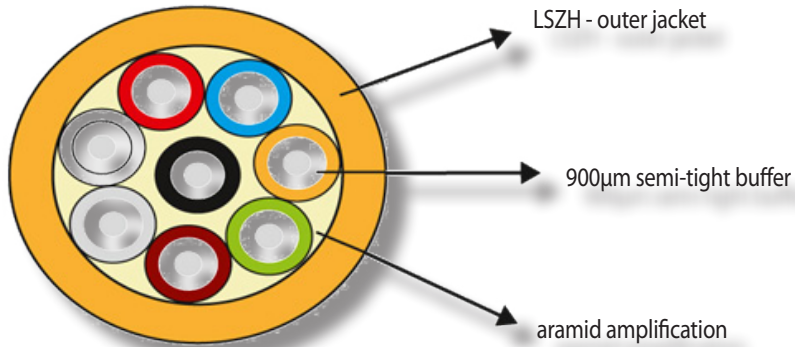


DATASHEET

Mini-Breakout Indoor Cable I-V(ZN)H



Specifications

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-, patch- and adapter cable

Characteristics:

- Indoor cable
- Non-metallic, halogenfree, gel free
- Suitable for connector assembly

Technical data

Standards:

- Flame retardant: IEC 60332-3
- Halogenfree: IEC 60754-2
- Low smoke: IEC 61034
- Transmission: IEC 60793, ITU-T G652, G651
- Cabling: ISO/IEC 11801, EN 50173

Temperature Range:

- Operation: -20°C ~ 60°C
- Installation: - 5°C ~ 50°C

Optical Data

Fiber (µm), Type	62.5/125 Multimode	50/125 Multimode	50/125 Multimode	50/125 Multimode	9/125 Singlemode
Fiber category	OM1	OM2	OM3	OM4	OS2
Wavelengths (nm)	850 / 1300	850 / 1300	850 / 1300	850 / 1300	full spectrum
Typ. attenuation (dB/km):	≤ 2.9 / ≤ 0.7	≤ 2.74 / ≤ 0.8	≤ 2.4 / ≤ 0.8	≤ 2.4 / ≤ 0.8	≤ 0.4
Over filled Launch Bandwidth (OFL = Over Filled Launch) MHz*km	200 / 500	500 / 500	1500 / 500	3500 / 500	- / -
Minimum Effective Modal Bandwidth (EMB) MHz*km	- / -	- / -	2000 / -	4700 / -	- / -



Art.-No.	I-V (ZN) H	File	I-V (ZN) H_NEU.indd		
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Created	Date	Last Revision	Date	Checked	Date
Alexander Müller	08.10.2013	BT	12.02.2014	EP	12.02.2014

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Order data

	Art.-No.	Fibers 900µm	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
OS2 9/125µ	55502.1OS2	02E Singlemode OS2	I-V(ZN)H 02E9/125	3,8 mm	15kg / km	400 N	57 mm
	55504.1OS2	04E Singlemode OS2	I-V(ZN)H 04E9/125	4,2 mm	18kg / km	600 N	63 mm
	55508.1OS2	08E Singlemode OS2	I-V(ZN)H 08E9/125	5,5 mm	29kg / km	800 N	83 mm
	55512.1OS2	12E Singlemode OS2	I-V(ZN)H 12E9/125	6,2 mm	36kg / km	800 N	93 mm
	55524.1OS2	24E Singlemode OS2	I-V(ZN)H 24E9/125	8,0 mm	59kg / km	1000 N	120 mm
OM4 50/125µ	55502.1OM4	02G Multimode OM4	I-V(ZN)H 02G50/125	3,8 mm	15kg / km	400 N	57 mm
	55504.1OM4	04G Multimode OM4	I-V(ZN)H 04G50/125	4,2 mm	18kg / km	600 N	63 mm
	55508.1OM4	08G Multimode OM4	I-V(ZN)H 08G50/125	5,5 mm	29kg / km	800 N	83 mm
	55512.1OM4	12G Multimode OM4	I-V(ZN)H 12G50/125	6,2 mm	36kg / km	800 N	93 mm
	55524.1OM4	24G Multimode OM4	I-V(ZN)H 24G50/125	8,0 mm	59kg / km	1000 N	120 mm
OM3 50/125µ	55502.1OM3	02G Multimode OM3	I-V(ZN)H 02G50/125	3,8 mm	15kg / km	400 N	57 mm
	55504.1OM3	04G Multimode OM3	I-V(ZN)H 04G50/125	4,2 mm	18kg / km	600 N	63 mm
	55508.1OM3	08G Multimode OM3	I-V(ZN)H 08G50/125	5,5 mm	29kg / km	800 N	83 mm
	55512.1OM3	12G Multimode OM3	I-V(ZN)H 12G50/125	6,2 mm	36kg / km	800 N	93 mm
	55524.1OM3	24G Multimode OM3	I-V(ZN)H 24G50/125	8,0 mm	59kg / km	1000 N	120 mm
OM2 50/125µ	55502.1	02G Multimode OM2	I-V(ZN)H 02G50/125	3,8 mm	15kg / km	400 N	57 mm
	55504.1	04G Multimode OM2	I-V(ZN)H 04G50/125	4,2 mm	18kg / km	600 N	63 mm
	55508.1	08G Multimode OM2	I-V(ZN)H 08G50/125	5,5 mm	29kg / km	800 N	83 mm
	55512.1	12G Multimode OM2	I-V(ZN)H 12G50/125	6,2 mm	36kg / km	800 N	93 mm
	55524.1	24G Multimode OM2	I-V(ZN)H 24G50/125	8,0 mm	59kg / km	1000 N	120 mm
OM1 62,5/125µ	55602.1	02G Multimode OM1	I-V(ZN)H 02G62,5/125	3,8 mm	15kg / km	400 N	57 mm
	55604.1	04G Multimode OM1	I-V(ZN)H 04G62,5/125	4,2 mm	18kg / km	600 N	63 mm
	55608.1	08G Multimode OM1	I-V(ZN)H 08G62,5/125	5,5 mm	29kg / km	800 N	83 mm
	55612.1	12G Multimode OM1	I-V(ZN)H 12G62,5/125	6,2 mm	36kg / km	800 N	93 mm
	55624.1	24G Multimode OM1	I-V(ZN)H 24G62,5/125	8,0 mm	59kg / km	1000 N	120 mm



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