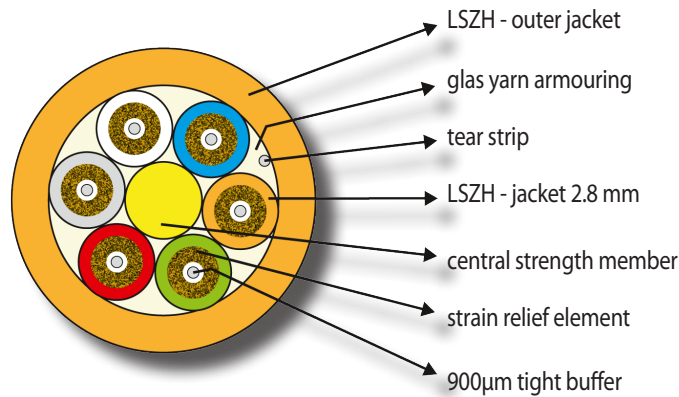
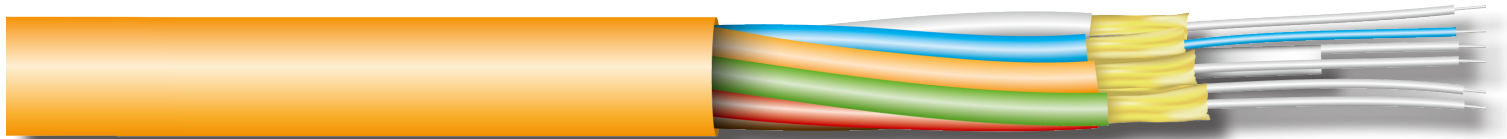


DATASHEET

Breakout Indoor Cable I-V (ZN) HH



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 cable, patch- and adapter cable

Characteristics:

- Indoor cable
- Non-metallic, halogenfree, gel-free
- Suitable for connector assembly
- Single element diameter: 2.8mm/2.0mm (24Fibers)

Technical data

Standards:

- Flame retardant: IEC 60332-3
- Halogenfree: IEC 60754-2
- Low smoke: IEC 61034
- Transmission: IEC 60793, ITU-T G652D, 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):	≤ 3.2 / ≤ 0.9	≤ 2.7 / ≤ 0.7	≤ 2.7 / ≤ 0.8	≤ 2.7 / ≤ 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) HH	File	I-V (ZN) HH_NEU.indd		
Description	Breakout Indoor Cable I-V (ZN) HH				
Created	Date	Last Revision	Date	Checked	Date
Alexander Müller	08.10.2013	BT	11.02.2014	BT	11.02.2014

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Order data

	Art.-No.	Fibers / Simplex Subunits	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
OS2 9/125µ	55902.1	02E (2 x 2,8) Singlemode OS2	I-V(ZN)HH 02E9/125	3,9x6,8mm	28kg / km	400 N	60 mm
	55904.1	04E (4 x 2,8) Singlemode OS2	I-V(ZN)HH 04E9/125	8,5 mm	62kg / km	1000 N	150 mm
	55908.1	08E (8 x 2,8) Singlemode OS2	I-V(ZN)HH 08E9/125	12,1 mm	133kg / km	2000 N	210 mm
	55912.1	12E (12 x 2,8) Singlemode OS2	I-V(ZN)HH 12E9/125	15,8 mm	240kg / km	2700 N	275 mm
	55924.1	24E (24 x 2,0) Singlemode OS2	I-V(ZN)HH 24E9/125	13,9 mm	170kg / km	2000 N	240 mm
OM4 50/125µ	55002.1OM4	02G (2 x 2,8) Multimode OM4	I-V(ZN)HH 02G50/125	3,9x6,8mm	28kg / km	400 N	60 mm
	55004.1OM4	04G (4 x 2,8) Multimode OM4	I-V(ZN)HH 04G50/125	8,5 mm	62kg / km	1000 N	150 mm
	55008.1OM4	08G (8 x 2,8) Multimode OM4	I-V(ZN)HH 08G50/125	12,1 mm	133kg / km	2000 N	210 mm
	55012.1OM4	12G (12 x 2,8) Multimode OM4	I-V(ZN)HH 12G50/125	15,8 mm	240kg / km	2700 N	275 mm
OM3 50/125µ	55002.1OM3	02G (2 x 2,8) Multimode OM3	I-V(ZN)HH 02G50/125	3,9x6,8mm	28kg / km	400 N	60 mm
	55004.1OM3	04G (4 x 2,8) Multimode OM3	I-V(ZN)HH 04G50/125	8,5 mm	62kg / km	1000 N	150 mm
	55008.1OM3	08G (8 x 2,8) Multimode OM3	I-V(ZN)HH 08G50/125	12,1 mm	133kg / km	2000 N	210 mm
	55012.1OM3	12G (12 x 2,8) Multimode OM3	I-V(ZN)HH 12G50/125	15,8 mm	240kg / km	2700 N	275 mm
OM2 50/125µ	55002.1	02G (2 x 2,8) Multimode OM2	I-V(ZN)HH 02G50/125	3,9x6,8mm	28kg / km	400 N	60 mm
	55004.1	04G (4 x 2,8) Multimode OM2	I-V(ZN)HH 04G50/125	8,5 mm	62kg / km	1000 N	150 mm
	55008.1	08G (8 x 2,8) Multimode OM2	I-V(ZN)HH 08G50/125	12,1 mm	133kg / km	2000 N	210 mm
	55012.1	12G (12 x 2,8) Multimode OM2	I-V(ZN)HH 12G50/125	15,8 mm	240kg / km	2700 N	275 mm
OM1 62,5/125µ	55102.1	02G (2 x 2,8) Multimode OM1	I-V(ZN)HH 02G62,5/125	3,9x6,8mm	28kg / km	400 N	60 mm
	55104.1	04G (4 x 2,8) Multimode OM1	I-V(ZN)HH 04G62,5/125	8,5 mm	62kg / km	1000 N	150 mm
	55108.1	08G (8 x 2,8) Multimode OM1	I-V(ZN)HH 08G62,5/125	12,1 mm	133kg / km	2000 N	210 mm
	55112.1	12G (12 x 2,8) Multimode OM1	I-V(ZN)HH 12G62,5/125	15,8 mm	240kg / km	2700 N	275 mm



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