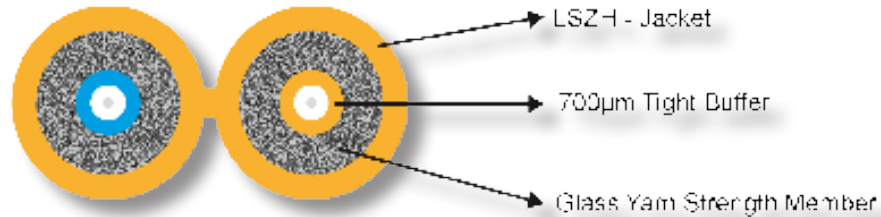


## Mini Zip Twin Duplex Cable I-V (ZN) H 2x1 for Direct Connector Assembly



Application	Characteristics
Indoor application	Indoor cable
Installation in ducts, shafts and underfloor area	Non-metallic, halogenfree
Secondary cabling (vertical): riser area (backbone)	Suitable for field installable connectors
Tertiary cabling (horizontal) : working area, fiber-to-the-desk (FTTD)	
Patch- and adapter cable	

Standards	Temperature Range
Flame retardant: IEC 60332-3	Operation: -20°C ~ 60°C
Halogenfree: IEC 60754-2, Low smoke: IEC 61034	Transport / Storage: -25°C ~ 70°C
Transmission specifications: IEC 60793, ITU-T G652, G651	Installation: - 5°C ~ 50°C
Cabling: ISO/IEC 11801, EN 50173	

Technical Data						
Cable Type	Number of Fibers	Outer Diameter	Weight	Bending Radius (Installation)	Tensile Force (Installation)	
I-V (ZN) H	2	1.8 x 3.7 mm	6 kg / km	35 mm	150 N	
Art.-No.	Number of Fibers	Fiber Type	Core/Coating	Fiber Quality	VDE-Type	Colour
56003.1	02G	Multimode	50µ/125µ	OM2	I-V(ZN)H 2x1G50/125	orange
56007.1	02G	Multimode	50µ/125µ	OM3	I-V(ZN)H 2x1G50/125	aqua
56007.3	02G	Multimode	50µ/125µ	OM4	I-V(ZN)H 2x1G50/125	violett
56203.1	02E	Singlemode	9µ/125µ	OS2	I-V(ZN)H 2x1E9/125	yellow
56103.1	02G	Multimode	62,5µ/125µ	OM1	I-V(ZN)H 2x1G62.5/125	orange

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Optical Data					
Fiber (µm)	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 spektrum
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 Bandwith (OFL = Over Filled Launch) MHz*km	200 / 500	500 / 500	1500 / 500	3500 / 500	- / -
Minimum Effective Modal Bandwidth (EMB) MHz*km	- / -	- / -	2000 / -	4700 / -	- / -
Chromatic dispersion ( ps/(nm*km) )	- / -	- / -	- / -	- / -	3.5 / - / 18

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