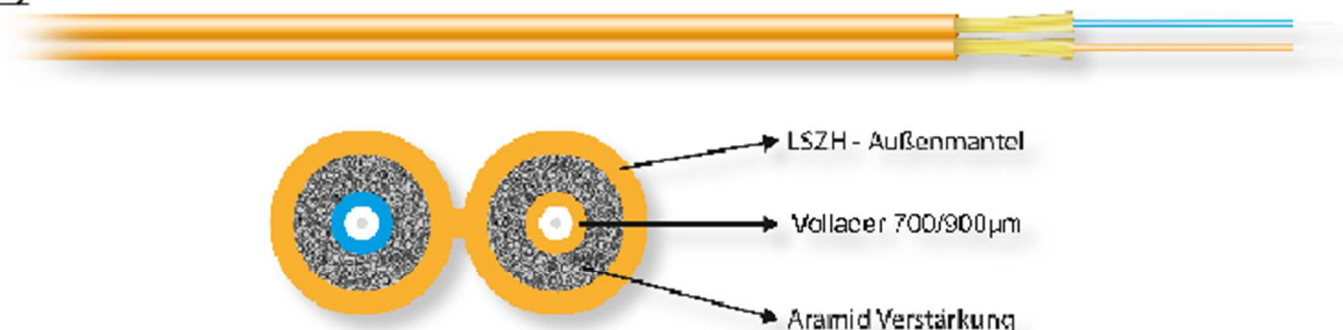


Zip Twin Duplex Cable for Direct Connector Assembly



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					
	Number of Fibers	Outer Diameter	Weight	Bending Radius (Installation)	Tensile Force (Installation)
	2	2.8 x 5.7 mm	16 kg / km	45 mm	400 N

Optical Data	62.5/125 Multimode	50/125 Multimode	50/125 Multimode	50/125 Multimode	9/125 Singlemode
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 Bandwidth (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