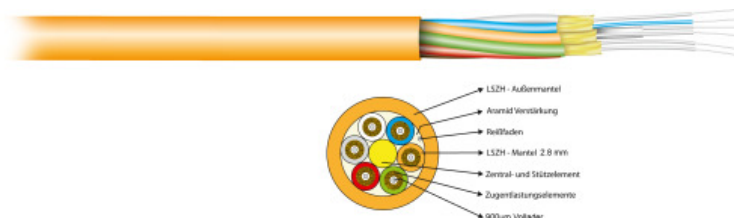


DATASHEET

Breakout Indoor Cable I-V (ZN) HH 50/125µ OM4



Description

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
 Indoor cable
 Non-metallic, halogenfree, gel free
 Suitable for connector assembly
 Operation: -20°C ~ 60°C
 Installation: -5°C ~ 50°C

General data

Application	Inside
Radial water blocking	No
Longitudinal water blocking	No
Cable metal free	yes
Circuit integrity	No

Cable construction

Fibre type	Multimode 50/125
Fibre category	OM4
Type of tube	tight tube
Fiber marking	colour
Strain relief	yes
Armouring	No

Cable sheath

Material outer sheath	LSZH
Euro Class	Eca
Colour outer sheath	erica-violet
Flame retardant	According to EN 60332-1-2

Environmental conditions

Temperature Range (Operation)	-20 – 60 °C
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DATASHEET

Breakout Indoor Cable I-V (ZN) HH 50/125 μ OM4

Environmental conditions

Temperature Range (Storage)	-25 – 70 °C
Temperature Range (Installation)	-5 – 50 °C

Transmission characteristics

IL max. (dB/km) 850nm	<2.7 dB/km
IL max. (dB/km) 1300nm	<0.8 dB/km

Standards, approvals, certifications

Cabling standards	EN 50173-1;ISO/IEC 11801
Harmonized standard	EN 50575

Available variants

Article no.	Title	VDE-Name	Construct	Cable \emptyset	Weight	Bending radius	Tensile Force
55002.1OM4	I-V(ZN)HH 2G 50/125 μ OM4 LSOH 2,8mm aqua	I-V(ZN)HH 2G 50/125	02G (2 x 2,8) Multimode OM4	3.9x6.8 mm	28 kg/km	60 mm	400 N
55004.1OM4	I-V(ZN)HH 4G 50/125 μ OM4 LSOH 2,8mm aqua	I-V(ZN)HH 4G 50/125	04G (4 x 2,8) Multimode OM4	8.5 mm	62 kg/km	150 mm	1000 N
55008.1OM4	I-V(ZN)HH 8G 50/125 μ OM4 LSOH 2,8mm aqua	I-V(ZN)HH 8G 50/125	08G (8 x 2,8) Multimode OM4	12.1 mm	133 kg/km	210 mm	2000 N

accessory

53210.2	Boot, flexible, white
53210.1	Boot, LC flexible, white
53210.3	ST-II-Connector Simplex
53206.12	SC Connectors
53206.32	Boots for ST and SC Connectors
53233.9	LC Connector Multimode 2,8mm

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