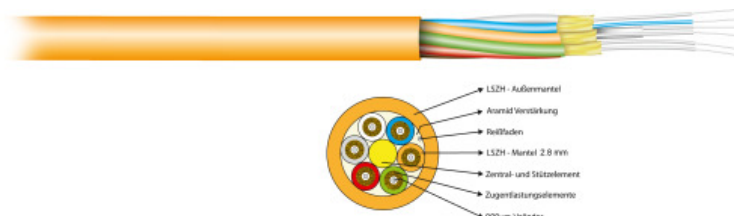


DATASHEET

Breakout Indoor Cable I-V (ZN) HH 50/125µ OM3



Description

Indoor application
 Installation in shafts, underfloor area
 Secondary cabling (vertical): riser area (backbone)
 Tertiary cabling (horizontal): working area, fiber-to-the-desk FTTH
 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	OM3
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	aqua
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 OM3

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 Ø	Weight	Bending radius	Tensile Force
55002.1OM3	I-V(ZN)HH 2G 50/125 μ OM3 LSOH 2,8mm aqua	I-V(ZN)HH 02G50/125	02G (2 x 2,8) Multimode OM3	3.9x6.8 mm	28 kg/km	60 mm	400 N
55004.1OM3	I-V(ZN)HH 4G 50/125 μ OM3 LSOH 2,8mm aqua	I-V(ZN)HH 04G50/125	04G (4 x 2,8) Multimode OM3	8.5 mm	62 kg/km	150 mm	1000 N
55008.1OM3	I-V(ZN)HH 8G 50/125 μ OM3 LSOH 2,8mm aqua	I-V(ZN)HH 08G50/125	08G (8 x 2,8) Multimode OM3	12.1 mm	133 kg/km	210 mm	2000 N
55012.1OM3	I-V(ZN)HH 12G 50/125 μ OM3 LSOH 2,8mm aqua	I-V(ZN)HH 12G50/125	12G (12 x 2,8) Multimode OM3	15.8 mm	240 kg/km	275 mm	2700 N

accessory

53210.3	ST-II-Connector Simplex
53210.2	Boot, flexible, white
53210.1	Boot, LC flexible, white
53206.22	SC Connectors
53206.32	Boots for ST and SC Connectors
53233.8	LC Connector Multimode 1,8mm
53233.9	LC Connector Multimode 2,8mm

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