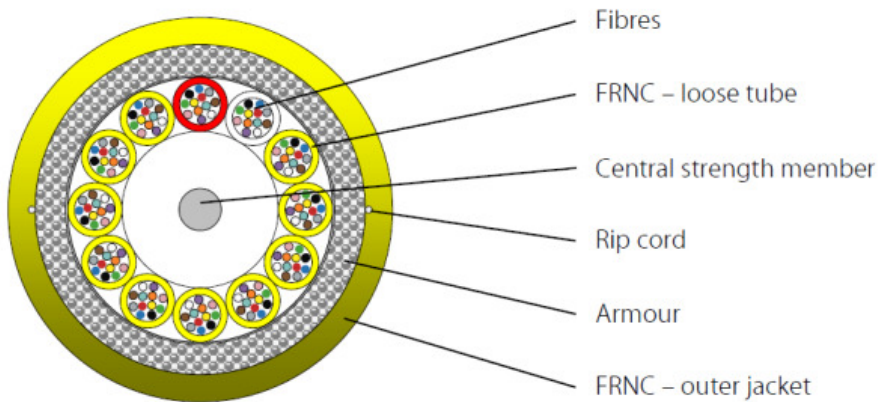


# DATASHEET

## INFRALAN® I-B(ZN)BH 50/125μ, OM4





### Description

Fields of application:  
 For building connections  
 For campus cabling  
 For use in plastic pipe systems  
 For installation in cable ducts and on flatbeds

### Characteristics:

Easy to use construction  
 Gel-free cable construction for clean and fast assembly  
 Small dimensions  
 High laying stability  
 Fire behaviour tested and certified according to  
 Construction Products Regulation (see Euro fire class)

Cable diameter may vary

### General data

Application	Inside
Blow in	No
Cable metal free	yes
Cable silicone free	yes
With rodent protection	yes

### Mechanical characteristics

Crush resistance	1000 N/dm
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### Cable construction

Fibre type	Multimode 50/125
Fibre category	OM4
Fiber marking	colour

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## INFRALAN® I-B(ZN)BH 50/125μ, OM4

### Cable construction

Tube marking	colour
Strain relief	yes
Armouring	yes

### Cable sheath

Material outer sheath	LSZH
Euro Class	B2ca
Colour outer sheath	erica-violet
Flame retardant	acc. EN 60332-3-24
Halogen free	acc. EN 60754-1/2

### Environmental conditions

Temperature Range (Operation)	-25 – 60 °C
Temperature Range (Storage)	-25 – 70 °C
Temperature Range (Installation)	-5 – 50 °C

### Standards, approvals, certifications

Cabling standards	EN 50173-1;ISO/IEC 11801
Harmonized standard	EN 50575
Cable & Fiber	IEC 60794-2

### Available variants

Article no.	Title	VDE-Name	Construct	Cable Ø	Weight	Bending radius	Tensile Force
56324.2OM4-CPR	INFRALAN® I-B(ZN)BH 2x12G 50/125μ, OM4,LSZH erica-violet CPR-B2CA	I-B(ZN)BH 24G 50/125μ	24G ( 2 x 12 ) Multimode OM4	8,3 mm	75 kg/km	166 mm	3000 N
56348.2OM4-CPR	INFRALAN® I-B(ZN)BH 4x12G 50/125μ, OM4,LSZH erica-violet CPR-B2CA	I-B(ZN)BH 48G 50/125μ	48G ( 4 x 12 ) Multimode OM4	8,3 mm	75 kg/km	166 mm	3000 N