DATA SHEET

Fiber Optic Cables
Mini-Duplex round cable Ø 1.6mm
02-.../(ZN)H-...16#B

Properties

- Metal free indoor cable
- Low smoke, halogen free and self-extinguishing
- Tight bending radii
- High flexibility
- Compatible with VSFF connectors



Jacket colour

Construction		
Fiber	Quantity: up to	2
	Type	coloured
Strain relief	Type	aramide yarn
Outer jacket	Material	LSFH
	Diameter	1.6mm

Environmental data		
CPR class	Standard	EN 50575:2014+A1:2016
	Class	B2ca-s1a,d0,a1
Temperature	Standard	IEC 60794-1-22 F12
	During installation	-10 °C ... 50 °C
	In service	-25 °C ... 70 °C
	In storage	-40 °C ... 70 °C
Fire load per length		0.08 MJ/m
Fire characteristics	Standard Condition Characteristics	IEC 61034-2 Halogen acid gas

Mechanical data		
Weight		approx. 3.1 g/m
Tensile strength	During installation	200 N
	In service	100 N
Min. bending radius	During installation	15 mm
	In service	10 mm
Crush resistance	Standard During installation In service	 1000 N/dm 150 N/dm
Kink resistance	Standard Radius	IEC 60794-1-21 E10 3 mm

HUBER+SUHNER

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Colours	
Fiber	According to colour code
Standard outer jacket colours	Yellow
	Turquoise
	Heather violet

Type of fiber	
Fiber type	**Fiber standard**
E9/125A2	according to IEC 60793-2-50 B-657.A2 + ITU-T G.657.A2
G50/125-OM4	according to IEC 60793-2-10 A1-OM4b
G50/125-OM5	according to IEC 60793-2-10 A1-OM5b

Fiber colour code

	1	2	3	4	5	6	7	8	9	10	11	12
H+S Standard	Red	Green	Yellow	Blue	White	Violet	Orange	Black	Grey	Brown	Heather violet	Turquoise
DIN	Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Heather violet
TIA	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Heather violet	Turquoise
IEC	Blue	Yellow	Red	White	Green	Violet	Orange	Grey	Turquoise	Black	Brown	Heather violet

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DOCUMENT PIM-P27660 / Date of publication: 06.08.2026 / uncontrolled copy