



## fiber optic breakout cable

## I-V(ZN)HH - n x OM3 / OM4 / OS2

- 4 / 8 / 12 individual cables with strain relief
- semi-tight buffered fibres (strippable up to 100 cm)
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575

FRNC

Eca

These cables are suitable for installation in buildings, cable ducts and trays. Because the cable design permits direct connector mounting, splicing is unnecessary. The semi-tight buffered core (maximum stripping length 1000 mm) is surrounded by aramid fibres for strain relief and sheathed by a halogen-free and flame-retardant material. Multiple cables of this type are stranded around a central element and sheathed by a halogen-free and flame-retardant overall sheath.

## construction

core type	semi-tight buffered fibre, $\varnothing$ 0.9 mm
strain relief	longitudinal aramid yarns
element jacket	FRNC, numbered, $\varnothing$ 2.1 mm
element arrangement	elements stranded over central filler
outer jacket	FRNC

## properties

min. bending radius	10x overall diameter
installation	15x overall diameter
operation	
temperature range	
storage	-25°C / +70°C
installation	-5°C / +50°C
operation	-10°C / +70°C
halogen-free	IEC 60754-2
flame retardancy	IEC 60332-1-2 and IEC 60332-3-22
smoke density	acc. to IEC 61034

order code	no. of fibers	fiber type $\mu$ m	fiber category	outer $\varnothing$ mm	tensile strength N	heat of combustion MJ/m	cable color	weight kg/m
F-BL04M5A-E	4	Multimode 50/125	OM3	7	800	1.1	aqua	0.04
F-BL04N5V-E	4	Multimode 50/125	OM4	7	800	1.1	violet	0.04
F-BL04S1H-E	4	Single-Mode 9/125	OS2	7	800	1.1	yellow	0.04
F-BL08M5A-E	8	Multimode 50/125	OM3	9.8	1000	1.3	aqua	0.1
F-BL08N5V-E	8	Multimode 50/125	OM4	9.8	1000	1.3	violet	0.1
F-BL08S1H-E	8	Single-Mode 9/125	OS2	9.8	1000	1.3	yellow	0.1

technical specifications are subject to change