



**fiber optic breakout cable  
I-V(ZN)HH - 12 x OM3 / OS2**

- 12 individual cables with strain relief
- semi-tight buffered fibres (strippable up to 100 cm)
- flame retardant and non corrosive (FRNC)

**FRNC**

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	
installation	10x overall diameter
operation	15x overall diameter
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-BL12M5A	12	Multimode 50/125	OM3	12.5	1000	1.6	aqua	0.16
F-BL12S1H	12	Single-Mode 9/125	OS2	12.5	1000	1.6	yellow	0.16

technical specifications are subject to change