



### fiber optic indoor cable

#### DUPLEX-Flat - I-V(ZN)HH - 2 x .../125

- flat duplex breakout cables
- semi-tight buffered fibres (strippable up to 100 cm)
- flame retardant and non corrosive (FRNC)

## FRNC

These duplex cables feature an additional protective jacket of halogen-free flame-retardant material as protection against high mechanical strain in building cabling systems with long feed lengths. Connector assembly is direct and cost-effective thanks to the cable design featuring parallel breakout elements (single fibres with individual strain relief and protective jacket). Thanks to their semi-tight buffered fibres (maximum stripping length 1000 mm), the cables are also suitable for pigtails and splicing.

### construction

no. of fibres	2
core type	semi-tight buffered fibre, $\varnothing$ 0.9 mm
strain relief	longitudinal aramid yarns
element jacket	FRNC, $\varnothing$ 2.10 mm
element arrangement	lying parallel next to each other
outer jacket	figure-0 form

### properties

tensile strength	600 N
crush resistance	400 N/dm
min. bending radius	
installation	65 mm
operation	35 mm
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 and IEC 60332-3-24
smoke density	acc. to IEC 61034
heat of combustion	0.63 MJ/m

order code	no. of fibers	fiber type $\mu\text{m}$	fiber category	cable color	weight kg/m
F-DL02M5A	2	Multimode 50/125	OM3	aqua	0.02
F-DL02N5V	2	Multimode 50/125	OM4	erica violet	0.02
F-DL02S1H	2	Single-Mode 9/125	OS2	yellow	0.02

technical specifications are subject to change