



fiber optic indoor cables

SIMPLEX - I-V(ZN)H 1x OM2e / OM4/ OS2

- tight buffered fibres for direct connector assembly
- flame retardant and non corrosive (FRNC)
- CPR class Fca

FRNC

Simplex cables are highly flexible and thus extremely suitable for patching in splitters and as connection cables. The dry tight buffered fibres (maximum stripping length 80 mm) simplify connector assembly and are resistant to mechanical strain and temperature fluctuations. Thanks to their sturdy design with external diameter of 2.8 mm, the cables have excellent tensile strength and crush resistance.

design

no. of fibres	1
core type	tight buffered fibre, 0.9 mm
strain relief	longitudinal aramid yarns
outer jacket	FRNC
overall diameter	2.8 mm

properties

tensile strength	400 N
crush resistance	150 N/dm
min. bending radius	
installation	60 mm
operation	30 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	0.18 MJ/m

order code	no. of fibers	fiber type µm	fiber category	cable color	weight kg/m
F-SF01S1H	1	Single-Mode 9/125	OS2	yellow	0.01
F-SF01N5V	1	Multimode 50/125	OM4	violet	0.01
F-SF01F5S	1	Multimode 50/125	OM2e	black	0.01

technical specifications are subject to change