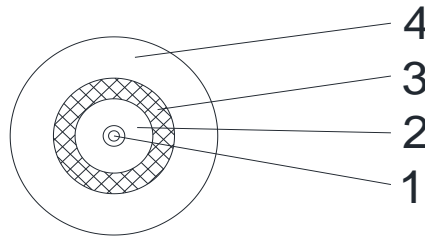


INDOOR SIMPLEX CABLE FMS 2,8 MM G.657.A1



1. Optical fibre	2. Buffer	3. Strength members
4. Outer sheath		

Application	Non-metallic optical fibre cable for indoor installations.	
Construction	Optical fibre	Single-mode fibre according to the ITU-T G.657.A1.
	Buffer	Tight buffer, outer diameter 900 µm.
	Strength members	Aramide yarns under the sheath.
	Outer sheath	Flame retardant, halogen free and UV resistant plastic (LSZH). Colour of the sheath is yellow. Nominal sheath thickness is 0,5 mm.
	Sheath marking	Marking printed on the sheath at one meter interval: Nestor Cables - cable type - lot number - year of manufacture - length marking
Standard references	Cable properties	IEC 60794-2-50
	Test methods	IEC 60794-1-2x
	Flame retardant	IEC 60332-3-24
	Low smoke	IEC 61034-2
	Halogen free	IEC/EN 60754-2

Maximum cabled fibre attenuation					
Wavelength	1310	1383	1550	1625	nm
Attenuation	0,36	0,36	0,22	0,24	dB/km

Nominal dimensions						
Fibres		Diameter [mm]		Weight [kg/km]	Minimum bending radius [mm]	
Count	Fibre colour	Fibre	Cable	Cable	Dynamic	Static
1	blue	0,9	2,8	7,4	60	30

Cable characteristics		
Max. tension	- During installation, max fibre strain 0,6 %.	150 N
Crush strength	- Short term	500 N
	- Long term	100 N
Bending radius	- During installation (dynamic)	60 mm
	- Final installation (static)	30 mm
Temperature range	- Operation	-20 to +60 °C
	- Installation	-15 to +60 °C
	- Storage, transport	-40 to +60 °C

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