

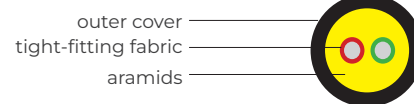
ICT Installations

2-fibre SM 9/125/900 G657A2 cable with reinforced LSZH-FR/UV-resistant sheath.

Euroclass Dca

FEATURES

- 2-fibre optical cable available in indoor and outdoor versions.
- LSZH-FR sheathing suitable for all types of indoor installations.
- It features a high density of aramid fibres, giving it a tensile strength of over 450N and making it suitable for ICT2.



MODEL		CFA-102D
Part number		8040
Number of fibres		2
Core and cladding diameter		9 / 125 µm
Fibre jacket	Diameter	850 µm ±50 µm
	Material	LSZH-FR-UV
	Colour	Red - Green
Outer sheath	Outer diameter	4 ±0.2 mm
	Thickness	0.8 mm ±0.05 mm
	Material	LSZH-FR-UV
	CPR	Dca-s2, d2, a2
Colour F60-02A-LN		Ivory RAL 9015
Reinforcement		Aramids (6 strands of 3000 decitex)
Fibre type: single-mode		G657A2
diameter Mode fields	1310 nm	8.8 ±0.4 µm
	1550 nm	9.8 ±0.5 µm
Cladding diameter		124.8 ±0.7 µm
Cladding non-circularity		≤0.7 %
Cladding concentricity error		≤0.5 µm
Diameter over primary sheath		245 ±5 µm
Non-circularity of the primary shield		≤6.0 %
Concentricity error of the primary protection		≤12 µm
Cutoff wavelength		$\lambda_{cc} \leq 1260$ nm
Attenuation	1310 nm	≤0.4 dB/km
	1550 nm	≤0.3 dB/km
-curvature loss	1 turn x radius 7.5 mm @ 1550 nm	≤0.5 dB
	1 bend x radius 7.5 mm @ 1625 nm	≤1.0 dB
Mechanical and environmental characteristics		
Traction (static)		250 N
Tensile strength (dynamic – installation)		500 N
Crush resistance (static)		300 N/10 cm
Crush resistance (dynamic – installation)		1000 N/10 cm
Minimum bending radius (static)		5xØ MM
Minimum bending radius (dynamic-installation)		10xØ MM
Installation temperature range		-10 ~ 50 °C
Operating temperature range		-20 ~ 60 °C
Storage temperature range		-20 ~ 60 °C
Weight		22 kg/km