

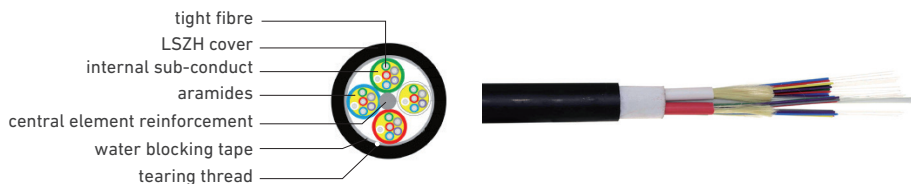
12, 24 and 48 fibres optic cable SM 9/125/900 G657A2 fitted with black LSZH-FR cover. CPR Dca Euroclass



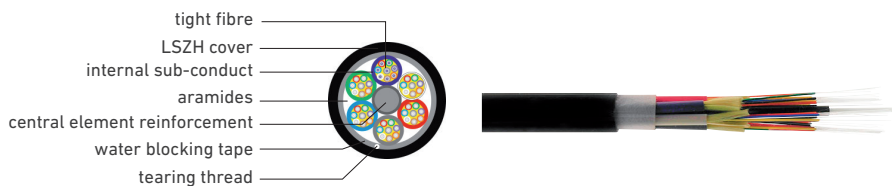
- 12 fibres fitted cable. Indoor/outdoor use. Colour black



- 24 fibres fitted cable. Indoor/outdoor use. Colour black.
It contains 4 LSZH sub-conducts with 6 fibres each. It incorporates a helical water-blocking tape and a central reinforcement elements.



- 48 fibres fitted cable. Indoor/outdoor use. Colour black.
It contains 6 LSZH sub-conducts with 8 fibres each. It incorporates a helical water-blocking tape and a central reinforcement elements.



TECHNICAL FEATURES

MODEL		CFA-012D	CFA-024D	CFA-048D
REF.		8042	8043	8044
Number of fibers		12	24	48
Core diameter and cladding		9 / 125 µm	9 / 125 µm	9 / 125 µm
Fiber cover fitted	Diameter	850 µm ±50 µm	850 µm ±50 µm	850 µm ±50 µm
	Material	LSZH-FR	LSZH-FR	LSZH-FR
	Colour	green, red, blue, yellow, grey, violet, brown, orange, white, pink, turquoise, light green	green, red, blue, white, grey, violet	green, red, blue, white, grey, violet, brown, orange
Internal sub-conduct	Diameter	-	4.2 mm ±0.2 mm	4.6 mm ±0.2 mm
	Thickness		0.6 mm ±0.1mm	0.6 mm ±0.5 mm
	Material		LSZH -FR	LSZH -FR
	Colour		green, red, blue, white	green, red, blue, white, grey, violet
Elements of reinforcement	Diameter	-	2 mm	4.6 mm
	Material		FRP	FRP
Fiber reinforcement		Aramids	Aramids	Aramids
Tear wire		No	Yes	Yes
Outer cover	Outer diameter	6,2 ±0,2 mm	14 ±0.2 mm	17 ±0.5 mm
	Thickness	1,2 mm ±0,05 mm	1.14 mm ±0.05 mm	1.32 mm ±0.05 mm
	Material	LSZH -FR	LSZH -FR	LSZH -FR
	CPR	Dca-s2, d2, a2	Dca-s2, d2, a2	Dca-s2, d2, a2
	Colour	Black RAL 9004	Black RAL 9004	Black RAL 9004
	Interior protection	Aramids	Aramids	Aramids
Single-mode fiber type		G657A2	G657A2	G657A2
Diameter of mode fields	1310 nm	8,8 ±0,4 µm	8.8 ±0.4 µm	8.8 ±0.4 µm
	1550 nm	9,8 ±0,5 µm	9.8 ±0.5 µm	9.8 ±0.5 µm
Diameter of the cladding		124,8 ±0,7 µm	124.8 ±0.7 µm	124.8 ±0.7 µm
No circularity of the cladding		≤0,7 %	≤0.7 %	≤0.7 %
Concentricity error of the cladding		≤0,5 µm	≤0.5 µm	≤0.5 µm
Diameter over primary protection		245 ±5 µm	245 ±5 µm	245 ±5 µm
Non-circularity of primary protection		≤6,0 %	≤6.0 %	≤6.0 %
Primary protection concentration error		≤12 µm	≤12 µm	≤12 µm
Cutoff wave of dispersion		$\lambda_{cc} \leq 1260$ nm	$\lambda_{cc} \leq 1260$ nm	$\lambda_{cc} \leq 1260$ nm
Attenuation	1310 nm	≤0,4 dB/km	≤0.4 dB/km	≤0.4 dB/km
	1550 nm	≤0,3 dB/km	≤0.3 dB/km	≤0.3 dB/km
Radius loss curvature	1 turn x radius 7.5 mm @ 1550 nm	≤0,5 dB	≤0.5 dB	≤0.5 dB
	1 turn x radius 7.5 mm @ 1625 nm	≤1,0 dB	≤1.0 dB	≤1.0 dB
Tension (Long Term)		400 N	400 N	500 N
Tension (Short Term)		1000 N	1000 N	1200 N
Crush (Long Term)		200 N/10 cm	300 N/10cm	300 N/10cm
Crush (Short Term)		1000 N/10 cm	1000 N/10cm	1000 N/10cm
Min. Bend Radius (Dynamic)		15D mm	15D mm	15D mm
Min. Bend Radius (Static)		7.5D mm	7.5D mm	7.5D mm
Operating Temperature		-40 ~ +70 °C	-40 ... +70	-40 ... +70
Storage Temperature		-40 ~ +70 °C	-40 ... +70	-40 ... +70

Standard

ITU-T:G-657 A2 - EN-188000
TIA/EIA 455-220 - IEC 60793-2-50
IEC793-2 ty A1 - IEC-TS 61941
IEC-60794-1-2 E1,3,4,6,7,11,F5



RoHS
Compliant