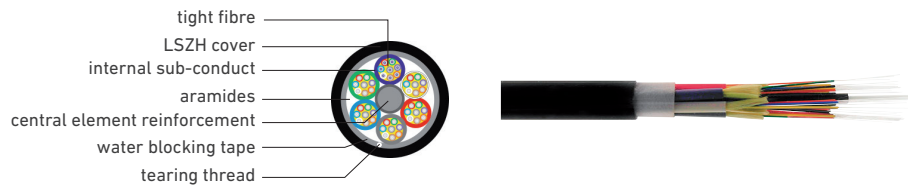


# 48 fibers optic cable SM 9/125/900 G657A2 fitted with black LSZH-FR cover. CPR Dca Euroclass



Model	CFA-048D	
Ref.	8044	
Number of fibres	48	
Core diameter and cladding	9 / 125 $\mu$ m	
Fibre cover adjusted	Diameter	850 $\mu$ m $\pm$ 50 $\mu$ m
	Material	LSZH-FR
	Colour	green, red, blue, white, grey, violet, brown, orange
Internal sub-conduct	Diameter	4.6 mm $\pm$ 0.2 mm
	Thickness	0.6 mm $\pm$ 0.5 mm
	Material	LSZH -FR
	Colour	green, red, blue, white, grey, violet
	Marked	1 - 6
	Fibre reinforcement	Aramids
Elements of reinforcement	Diameter	4.6 mm
	Material	FRP
Outer cover	Outer diameter	17 $\pm$ 0.5 mm
	Thickness	1.32 mm $\pm$ 0.05 mm
	Material	LSZH -FR
	CPR	Dca-s2, d2, a2
	Colour	Black RAL 9004
	Interior protection	Aramids
Tear wire	Yes	
Single-mode fibre type	G657A2	
Diameter of mode fields	1310 nm	8.8 $\pm$ 0.4 $\mu$ m
	1550 nm	9.8 $\pm$ 0.5 $\mu$ m
Diameter of the cladding	124.8 $\pm$ 0.7 $\mu$ m	
No circularity of the cladding	$\leq$ 0.7 %	
Concentricity error of the cladding	$\leq$ 0.5 $\mu$ m	
Diameter over primary protection	245 $\pm$ 5 $\mu$ m	
Non-circularity of primary protection	$\leq$ 6.0 %	
Primary protection concentration error	$\leq$ 12 $\mu$ m	
Cutoff wave of dispersion	$\lambda_{cc} \leq$ 1260 nm	
Attenuation	1310nm	$\leq$ 0.4 dB/km
	1550nm	$\leq$ 0.3 dB/km
Radius loss curvature	1 turn x radius 7.5mm @ 1550nm	$\leq$ 0.5 dB
	1 turn x radius 7.5mm @ 1625nm	$\leq$ 1.0 dB
Mechanical and Environmental Characteristics		
Tension (Long Term)	500 N	
Tension (Short Term)	1200 N	
Crush (Long Term)	300 N/10cm	
Crush (Short Term)	1000 N/10cm	
Min. Bend Radius (Dynamic)	15D mm	
Min. Bend Radius (Static)	7.5D mm	
Operating Temperature	-40 ... +70	
Storage Temperature	-40 ... +70	

- It is mainly used for distribution inside buildings.
- It contains 4 LSZH sub-conducts with 6 fibres each. It incorporates a helicoidal water blocking tape and a central reinforcement element.
- Compact and lightweight structure cable. Very good mechanical qualities. Easy to work with.

**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

