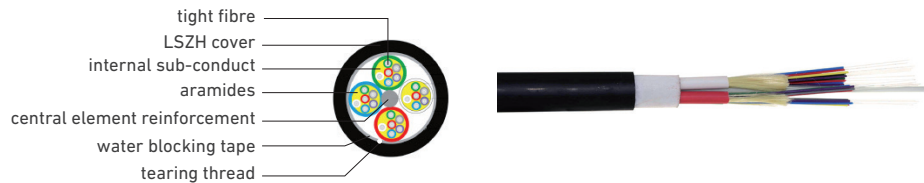


# 24 fibers optic cable SM 9/125/900 G657A2 fitted with black LSZH-FR cover. CPR Dca Euroclass



Model	CFA-024D	
Ref.	8043	
Number of fibres	24	
Core diameter and cladding	9 / 125 µm	
Fibre cover adjusted	Diameter	850 µm ±50 µm
	Material	LSZH-FR
	Colour	Green, red, blue, white, grey, violet
Internal sub-conduct	Diameter	4.2 mm ±0.2 mm
	Thickness	0.6 mm ±0.1 mm
	Material	LSZH -FR
	Colour	Green, red, blue, white
	Marked	FRP
	Fibre reinforcement	Aramids
Elements of reinforcement	Diameter	2 mm
	Material	FRP
Outer cover	Outer diameter	14 ±0.2 mm
	Thickness	1.14 mm ±0.05mm
	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 ±0.4 µm
	1550 nm	9.8 ±0.5 µm
Diameter of the cladding	124.8 ±0.7 µm	
No circularity of the cladding	≤0.7 %	
Concentricity error of the cladding	≤0.5 µm	
Diameter over primary protection	245 ±5 µm	
Non-circularity of primary protection	≤6,0 %	
Primary protection concentration error	≤12 µm	
Cutoff wave of dispersion	λ <sub>cc</sub> ≤1260 nm	
Attenuation	1310nm	≤0.4 dB/km
	1550nm	≤0.3 dB/km
Radius loss curvature	1 turn x radius 7.5mm @ 1550nm	≤0.5 dB
	1 turn x radius 7.5mm @ 1625nm	≤1.0 dB
<b>Mechanical and Environmental Characteristics</b>		
Tension (Long Term)	400 N	
Tension (Short Term)	1000 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 helical water-blocking tape and a central reinforcement element.
- Compact and lightweight cable structure. 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



**RoHS**  
Compliant