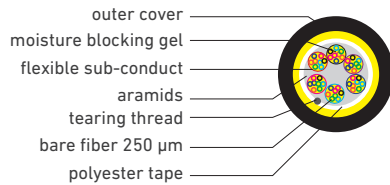


Cable 48 SM loose optical fibers LSZH. Euroclass Dca



MODEL	CFH-048D	
REF.	8047	
Number of fibers	48	
Core diameter and cladding	9 / 125 µm	
Loose fiber	Diameter	250 µm ±15 µm
	Quantity per Sub-tube	8
	Colour	Green, red, blue, white, grey, violet
External cover	Outer diameter	6.5 ±0.3 mm
	Thickness	1.5 ±0.2 mm
	Material	LSZH-FR-UV
	CPR	Dca-s2, d2, a2
Colour	Black	
Tearing thread	1x 1500 dtx „ Polyester thread	
Pulling element	Aramid ropes	
Sub-tube	Quantity	6
	Diameter	1.3 ±0.01 mm
	Material	LSZH
	Colours	Green, red, blue, white, gray, violet
	Water blocker	Protective grease
	SM fiber type	G657A2
Fiber Parameters		
Mode Field Diameter	1310nm	8.6± 0.4 µm
	1550nm	9.6± 0.5 µm
Cladding Diameter	125.0 ±0.7 µm	
Cladding Non-Circularity	≤0.7%	
Core-Cladding Concentricity Error	≤0.5 µm	
Coating Diameter	245 ±5 µm	
Coating Non-Circularity	≤6.0 %	
Cladding-Coating Concentricity Error	<12.0 µm	
Cable Cutoff Wavelength	λ _{cc} ≤1260 nm	
Attenuation(max.)	1310nm	≤0.4 dB/km
	1550nm	≤0.3 dB/km
Macro-Bending Loss	1turn×7.5mm radius @1550nm	≤0.5 dB
	1turn×7.5mm radius @1625nm	≤1.0 dB
Mechanical and Environmental Characteristics		
Tension (Long Term)	300 N	
Tension (Short Term)	1000 N	
Crush (Long Term)	300 N/10 cm	
Crush (Short Term)	1000 N/10 cm	
Min. Bend Radius (Dynamic)	20D mm	
Min. Bend Radius (Static)	10D mm	
Installation Temperature	-10~ +50 °C	
Operating Temperature	-20~ +60 °C	
Storage Temperature	-20~ +60 °C	

- Loose SM fiber flexible gel-free multi-tube cables.
- The fibers are protected by a grease that is easy to remove before fusion. The inner sub-conduct is very flexible for easy handling.
- This sub-line can be removed without the need of tools. The LSZH-FR-UV external cover, allows installing in outside areas.

Standard
 ITU-T-G.657 A2
 IEC-60794
 IEC 60793
 IEC61034
 IEC60754
 IEC60332-1

RoHS
Compliant