

ICT installations

48-fibre SM optical cable
Loose-lay LSZH. Euroclass DcaCPR
Dca

FEATURES

- Single-mode, loose-tube, multi-tube and flexible fibre cables without gel.
- The fibres are protected by a grease that is easy to remove prior to splicing. The inner conduit is highly flexible for ease of handling.
- This inner conduit can be removed without the need for tools. The LSZH-FR-UV outer sheath allows for outdoor installation.



MODEL		CFH-048D
Reference		8047
Number of fibres		48
Core and cladding diameter		9 / 125 µm
Loose tube	Diameter	250 µm ±15 µm
	Quantity per conduit	8
	Colour	Green, red, blue, white, grey, violet, brown, orange
Outer sheath	Outer diameter	8.0 ±0.2 mm
	Thickness	1.5 ±0.2 mm
	Material	LSZH-FR-UV
	CPR	Dca-s2, d2, a2
	Colour	Black
Tensile strength		1x 1500 dtx, polyester yarn
Tension member		Aramid strands
Sub-cables	Quantity	6
	Diameter	1.3 ±0.01 mm
	Material	LSZH
	Colour	Green, red, blue, white, grey, violet
	Water-blocking	Protective grease
	Fibre type SM	G657A2
Tensile strength (long-term)		300 N
Tension (short term)		1000 N
Crush resistance (long-term)		300 N/10 cm
Crush resistance (immediate)		1000 (N/100 mm)
Min. Bending radius (dynamic)		20D mm
Min. bending radius (static)		10D mm
Operating temperature		-20 ... +70 °C
Storage temperature		-20~ +60 °C