



Double Jacket Multi Loose Tube Fire Resistant Cable

Up to 72 fibre, 6-element, dry core multi loose tube steel tape armoured cable. It consists of 250µm singlemode (G.652.D) or multimode (OM₁/OM₂/OM₃/OM₄) optical fibres in 12 fibre gel filled loose tubes SZ stranded around a Fibre Reinforced Plastic (FRP) central strength member, water swellable threads and tape. It features non-metallic aramid strength members, a ripcord and a double (inner/ outer) Low Smoke Zero Halogen (LSZH) jacket.

Features

- 250 µm loose tube construction
- Corrugated steel tape armouring for high crush resistance and rodent protection
- Double LSZH jacket
- Available in various fibre types
- Colour coded fibres

Applications

- Internal applications
- External duct and direct burial applications
- Applications that require data transfer during the event of a fire

Specifications

PAREMETER	UNIT	VALUE
Crush	N/100mm	5000
Strength Member		FRP/Aramid
Storage Temperature	°C	-30 to +70
Installation Temperature	°C	-5 to +50
Operating Temperature	°C	-30 to +70
Nominal Weight	kg/km	280
Fibre count	N	72
Nominal outer diameter	mm	15.2 ± 0.3
Maximum tensile load (Short Term)	N	7000
Maximum tensile load (Long Term)	N	3500
Minimum bend radius	mm	Installed 230 Loaded 305
Drum length	km	2
Solid wooden drum dimensions (Flange, Barrel, Width) 2km	mm (approx.)	F1400, B720, W900
Drum weight with cable 2km	kg (approx.)	680

Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
OFC-MLSDF	9	G.652.D	1	LSZH	12	12
	1	OM1		
	2	OM2			72	72
	3	OM3				
	4	OM4				

Example order code

OFC-MLSDF - 9 1 - 24

Double Jacket Multi Loose Tube STA Cable Fire Resistant Singlemode LSZH 24 Fibres

Technical Drawing

