



Multi Loose Tube Fibre Optic Cable

Up to 144, 5 to 12 elements 250µm fibre dry core multi loose tube cable with e-glass strength members and a Low Smoke Zero Halogen (LSZH) or Polyethylene (PE) outer jacket with ripcord. The loose tubes are SZ stranded around a fibre reinforced plastic (FRP) central strength member with water swellable threads and tape.

It comes with various singlemode (G.652.D, G.657.A1, G.657.A2) or multimode (OM1/OM2/OM3/OM/OM5) fibre options.

Features

- 250µm loose tube
- Rodent resistant using e-glass strength members
- Available with various fibre options
- Colour coded fibres
- IEC 60332-1, IEC 60794 compliant
- Option for LSZH or PE outer jacket

Applications

- Internal applications
- External duct applications
- Suitable for environments that require rodent resistance

Specifications

Item	Contents	Value						
		24	36	48	72	96	108	144
Loose tube	Material	PBT						
	Type of filling compound	Jelly						
	Number	4	6	4	6	8	9	12
Filler	Material	PP						
	Number	2	0	2	0	0	1	0
Max. fibre counts per tube	G.652D	6					12	
Central strength member	Material	FRP						
Core covering	Material	Water blocking yarn + Water blocking tape						
Armoured	Material	Glass yarns						
Ripcord	Number	2						
Outer sheath	Material	LSZH/PE						
	Color	Black						
Cable diameter (mm) (± 0.5)		10.8	10.8	11.1	11.1	12.6	14.1	15.4
Cable weight (kg/km) ($\pm 20\%$)		120	120	128	128	162	196	229
Temperature	$^{\circ}\text{C}$	-40~+70						
Tensile Strength	N	1500N (long term) 600N (short term)						
Crush Resistance	N/100mm	2000						

Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
OFC-MLT	9	G.652.D	1	LSZH	24	24
	A1	G.657A1	2	PE
	A2	G.657A2			144	144
	1	OM1				
	2	OM2				
	3	OM3				
	4	OM4				
	5	OM5				

Example order code

OFC-MLT - 9 1 - 24

Multi Loose Tube Cable Singlemode LSZH 24 Fibres

Technical Drawing

