



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 High Density Polyethelene (HDPE) 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/OM4) fibre options.

Features

- 250µm loose tube
 - Rodent resistant using e-glass strength members
 - Available with various fibre options
 - Colour coded fibres
 - Option for LSZH or PE outer jacket
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Applications

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

Specifications

DESCRIPTION		24 to 60-CORE	72-CORE	96-CORE	120-CORE	144-CORE
Outer Diameter	mm	10.5 ±0.4	11.1 ±0.4	12.6 ±0.4	14.1 ±0.4	15.6 ±0.4
Weight	kg/km	90	97	121	148	178
Max. Load (installation)	N	1500	1500	1500	1500	1500
Max. Load (installed)	N	600	600	600	600	600
Min. Bend Radius (installation)	mm	210	220	250	280	310
Min. Bend Radius (installed)	mm	105	110	125	140	155
Operating Temperature	°C	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70
Storage Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temperature	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	2000	2000	2000	2000	2000

Ordering Information

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

Example order code

OFC-MLT - 9 1 - 24

Multi Loose Tube Cable Singlemode LSZH 24 Fibres

Technical Drawing

