

## Single Loose Tube Fibre Optic Cable (2-24 Fibres)

2 to 24 fibre OM1, OM2, OM3, OM4 multimode or OS1/OS2 (ITU-T G.652D) singlemode 250µm single loose tube external duct cables with e-glass strength members and polyethylene (PE) or Low Smoke Zero Halogen (LSZH) jacket.

The single loose tube cables consist of 2 to 24, 250µm optical fibres in a single gel filled loose tube with e-glass non metallic strength members and black PE or LSZH jacket with ripcord.

### Features/Benefits

- > Choice of fibre types
- > Colour coded fibres
- > E-glass strength members for rodent resistance
- > Flame retardant LSZH jacket option for enhanced fire performance
- > Compact 250µm loose tube construction

### Applications

- > Suitable for internal / external duct applications
- > Suitable for environments where rodent resistance is required
- > Ideal for intra building links in campus environments

### Technical Specifications

DESCRIPTION		2-12 CORE	14-24 CORE
Outer Diameter	mm	6.5 ±0.3	6.7 ±0.3
Weight	kg/km	40	47
Max. Load (installation)	N	1000	1000
Max. Load (installed)	N	500	500
Min. Bend Radius (installation)	Times diameter	20	20
Min. Bend Radius (installed)	Times diameter	10	10
Fire Performance		LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60
Storage Temp.	°C	-20~+60	-20~+60
Installation Temp.	°C	-20~+60	-20~+60
Crush Resistance	N/100mm	1000	1000

### Ordering Information

PRODUCT DESCRIPTION	PART NO.
OM1 PE	OM1LT**PBK-C/Z
OM1 LSZH	OM1LT**UBK-C/Z
OM2 PE	OM2LT**PBK-C/Z
OM2 LSZH	OM2LT**UBK-C/Z
OM3 PE	OM3LT**PBK-C/Z
OM3 LSZH	OM3LT**UBK-C/Z
OM4 PE	OM4LT**PBK-C/Z
OM4 LSZH	OM4LT**UBK-C/Z
OS1/OS2 PE	OS1LT**PBK-C/Z
OS1/OS2 LSZH	OS1LT**UBK-C/Z

Where \*\* is the fibre count between 2 & 24



Optical Fibres  
Water Repellent Thixotropic Gel  
PBT Loose Tube  
e-glass Strength Member  
PE/LSZH Jacket