



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.

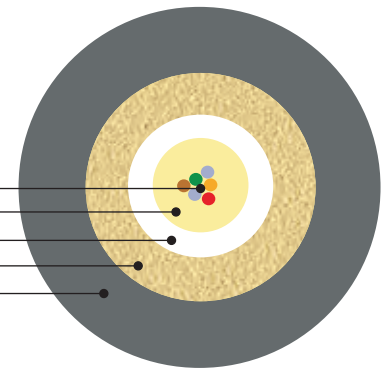
APPLICATIONS

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

FEATURES

- ▶ 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

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



TECHNICAL SPECIFICATIONS

DESCRIPTION		2-12 CORE	24 CORE LSZH
Outer Diameter	mm	6.0 ±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
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

OPTICAL FIBRE AND TUBE IDENTIFICATION

WCO standard fibre and tube colours are to EIA 598 as shown in table below.

Fibre & Tube Colour	1	2	3	4	5	6	7	8	9	10	11	12
EIA/TIA 598	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Voilet	Pink	Aquo

- Duct
- Fire Retardant
- Water Resistant
- Rodent Resistant
- Internal Use
- External Use
- Standard Length
- 4km