

WCO single loose tube corrugated steel tape armoured cables are constructed of 250µm fibres held in a gel filled central loose tube surrounded by water-blocking tape and corrugated, polyethylene laminated steel tape.

The cable features two parallel steel wire strength members embedded in the PE / LSZH outer jacket.



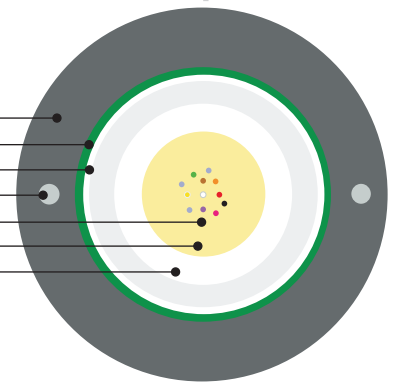
APPLICATIONS

- ▶ Suitable for external applications in ducts, aerial applications or direct burial

FEATURES

- ▶ Choice of fibre types
- ▶ Colour coded fibres
- ▶ High crush resistance
- ▶ PE / LSZH jacket
- ▶ High tensile strength
- ▶ Flame retardant LSZH option for enhanced fire performance

- PE / LSZH Jacket
- Corrugated Steel Tape
- Water Barrier
- Parallel Steel Wire Strength Member
- Optical Fibre
- Water Repellent Thixotropic Gel
- Central Loose Tube



TECHNICAL SPECIFICATIONS

| DESCRIPTION | | 2-12 CORE | 24 CORE |
|---------------------------------|----------------|-----------|---------|
| Outer Diameter | mm | 8.5 ± 0.5 | 9 ± 0.5 |
| Weight | kg/km | 85 | 100 |
| Max. Load (installation) | N | 2000 | 2000 |
| Max. Load (installed) | N | 1500 | 1500 |
| 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 | Violet | Pink | Aqua |

Fire Retardant



Armoured



Water Resistant



Rodent Resistant



Internal Use



External Use



Standard Length

