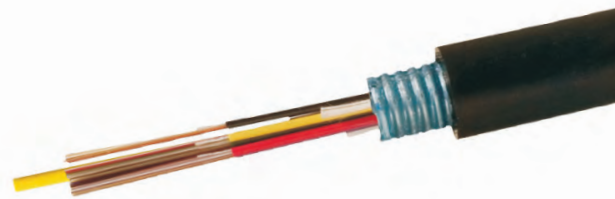




The multi loose tube cable construction consists of up to up to 12 elements and a maximum of 144, 250 µm optical fibres in 12 fibre gel filled loose tubes with fillers where appropriate, SZ stranded around a jacketed Fibre Reinforced Plastic (FRP) central strength member with waterswellable threads and waterswellable tape.



Helically applied waterblocking e-glass non metallic strength members with ripcord. Corrugated Steel Tape (CST) armouring and black High Density Polyethylene (HDPE) or Low Smoke Zero Halogen (LSZH) jacket.



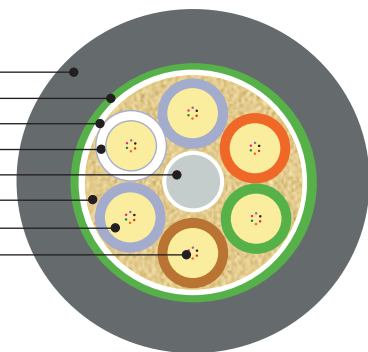
APPLICATIONS

- ▶ Suitable for external & aerial applications

FEATURES

- ▶ Choice of fibre type
- ▶ Colour coded fibres
- ▶ High water resistant
- ▶ High crush resistant
- ▶ PE / LSZH jacket
- ▶ LSZH option for enhanced fire performance

- PE / LSZH Outer Jacket
- Corrugated Steel Tape
- Binder
- Loose Tube
- FRP Strength Member
- Water Locking Yarn & Tape
- Water Repellent Thixotropic Gel
- Optical Fibre



TECHNICAL SPECIFICATIONS

DESCRIPTION		24 TO 48 CORE	72-CORE	96-CORE	144-CORE	288-CORE
Outer Diameter	mm	11.5 ±0.5	11.5 ±0.5	12 ±0.5	18.5 ±0.1	18.5 ±1
Weight	kg/km	125	125	150	225	295
Max. Load (installation)	N	3000	3000	3500	4500	4500
Max. Load (installed)	N	2500	2500	3000	4000	4000
Min. Bend Radius (installation)	mm	230	230	240	310	370
Min. Bend Radius (installed)	mm	115	115	120	155	185
Operating Temp.	°C	-40~+70	-40~+70	-40~+70	-40~+70	-40~+70
Storage Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	3000	3000	3000	3000	3000

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	Aqua

Fire Retardant



Armoured



Water Resistant



Rodent Resistant



Internal Use



External Use



Standard Length



4 to 36-Core Standard Length

