

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



Helically applied waterblocking e-glass non-metallic strength members with ripcord and PE inner jacket, corrugated steel tape (CST) armouring and black high density polyethylene (HDPE) final jacket with ripcord.

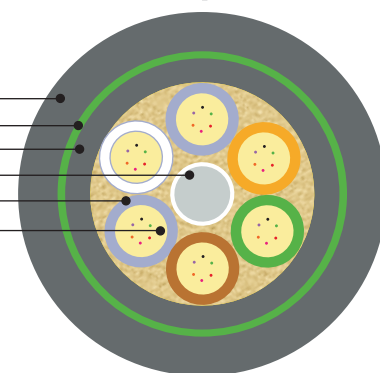
## APPLICATIONS

- Suitable for external applications in ducts or for direct burial

## FEATURES

- Choice of fibre types
- Colour coded fibres
- High water resistance
- Two PE jackets
- Flame retardant LSZH option for enhanced fire performance

PE Outer Jacket  
 Corrugated Steel Tape  
 PE Inner Jacket  
 Central Strength Member  
 Loose Tube  
 Water Repellent Thixotropic Gel



## TECHNICAL SPECIFICATIONS

DESCRIPTION		24 to 60-CORE	72-CORE	96-CORE	144-CORE	288-CORE
Outer Diameter	mm	14.0 ±0.5	14.6 ±0.5	15 ±0.5	15.51 ±0.5	20.50 ±0.2
Weight	kg/km	175	180	200	225	360
Max. Load (installation)	N	3000	3000	3500	3000	3000
Max. Load (installed)	N	2670	3000	3000	2670	2670
Min. Bend Radius (installation)	mm	280	290	300	310	410
Min. Bend Radius (installed)	mm	140	145	150	155	205
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		4000	4000	4000	4000	4000

## 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

