



Single Jacket Figure-8 Cables have integrated high strength stranded galvanised steel messenger wire as a support strand which provides high tensile strength to the cable making it suitable for aerial self-supported installations. This cable is a stranded loose tube cable with optical fibre placed inside robust buffer tubes stranded around a fibre reinforced plastic (FRP) central strength member.

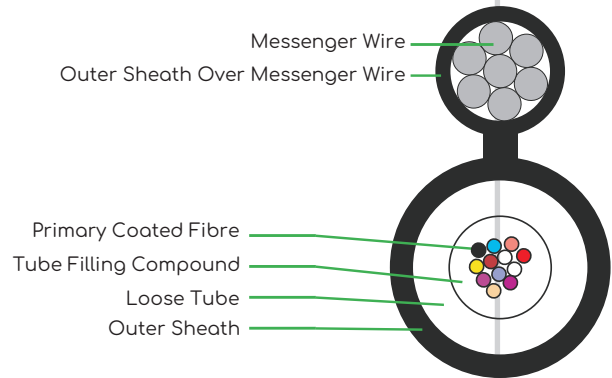
In addition to optical fibres, the buffer tubes contain water blocking gel, and the cable core is surrounded with water-swellable tape to prevent water ingress in the interstices of cable core. Thermoplastic jacket is applied over the cable core and integrated stranded steel messenger to form a "Figure-8" configuration.

APPLICATIONS

- ▶ Lashed aerial installation with rigorous load conditions, including heavy wind and ice
- ▶ Suitable for span length of 100 mtrs

FEATURES

- ▶ Central Loose tube construction
- ▶ Offers exceptional strength and corrosion resistance for aerial application
- ▶ Integrated High tensile messenger for superior strength and corrosion resistance



TECHNICAL SPECIFICATIONS

DESCRIPTION		Upto 12-CORE	16/24-CORE	48-CORE
Outer Diameter	mm	6.5x6.0	7.5x6.0	10.0x6.0
Weight	kg/km	100	110	150
Max. Load (installation)	N	2000	2000	2000
Max. Load (installed)	N	1000	1000	1000
Min. Bend Radius (installation)	mm	15D	15D	15D
Min. Bend Radius (installed)	mm	20D	20D	20D
Operating Temp.	°C	-10~+50	-10~+50	-10~+50
Storage Temp.	°C	-10~+50	-10~+50	-10~+50
Installation Temp.	°C	-40~+70	-40~+70	-40~+70
Crush Resistance	N/100mm	1000	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	Aqua

Fire Retardant



Aerial



Water Resistant



Rodent Resistant



Internal Use



External Use



Standard Length



4 to 36-Core Standard Length

