



This cable is a stranded loose tube cable with optical fibres 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 waterswellable tape to prevent water ingress in the interstices of cable core.

High Strength Aramid Yarns are evenly distributed over the inner sheath to provide the required tensile strength for aerial self-supporting applications.

An overall Thermoplastic jacket provides the cable with both mechanical and environmental protection.

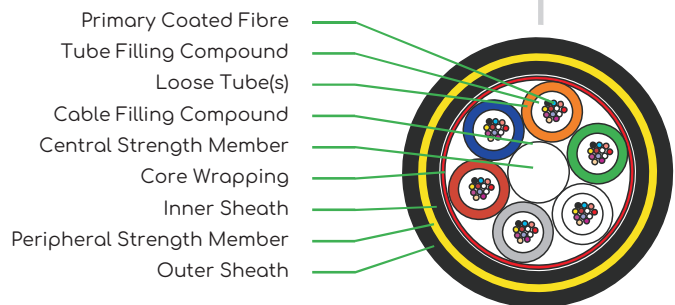


APPLICATIONS

- ▶ Suitable for self supporting aerial installation with rigorous load conditions, including heavy wind and ice
- ▶ Suitable for span length of 100 mtrs (also available for other span length)

FEATURES

- ▶ Single layer S-Z stranded construction
- ▶ Offers exceptional strength and corrosion resistance for aerial application
- ▶ Flexible buffer tubes provides easy fibre routing inside closure



Fire Retardant



Aerial



Water Resistant



Rodent Resistant



Internal Use



External Use



Standard Length



4 to 36-Core Standard Length



TECHNICAL SPECIFICATIONS

DESCRIPTION		Upto 48-CORE	Upto 72-CORE	96-CORE	144-CORE
Outer Diameter	mm	12.5	13.5	15.0	18.0
Weight	kg/km	125	145	180	250
Max. Load (installation)	N	5000	5000	5000	5000
Max. Load (installed)	N	2000	2000	2000	2000
Min. Bend Radius (installation)	mm	15D	15D	15D	15D
Min. Bend Radius (installed)	mm	20D	20D	20D	20D
Operating Temp.	°C	-10~+50	-10~+50	-10~+50	-10~+50
Storage Temp.	°C	-10~+50	-10~+50	-10~+50	-10~+50
Installation Temp.	°C	-40~+70	-40~+70	-40~+70	-40~+70
Crush Resistance	N/100mm	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