



The optical fibres are arranged into ribbon units by placing the fibres in a flat array of 12 colours-coded fibres bonded together by a UV-curable matrix material. The Ribbon units placed inside robust buffer tubes are 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. The cable core is surrounded with thermoplastic sheath making the cable robust and installation friendly.



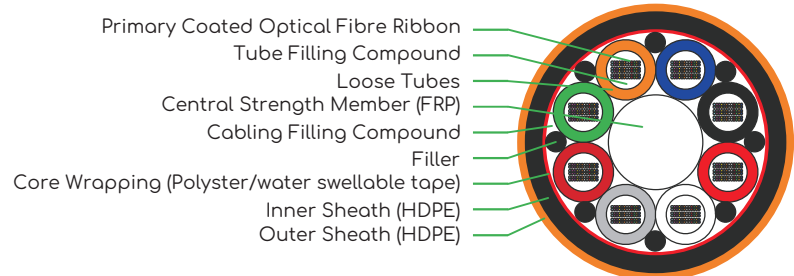
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APPLICATIONS

- ▶ Suitable for Duct Installation, pulled & blown

FEATURES

- ▶ Single layer S-Z stranded construction
- ▶ Flexible buffer tubes provide easy fibre routing inside closure
- ▶ Insect & termite resistance PA-12 outer sheath, Orange



Fire Retardant



Water Resistant



Rodent Resistant



External Use



4 to 36-Core
Standard Length



Telecommunications



TECHNICAL SPECIFICATIONS

DESCRIPTION		Upto 96 CORE	144 CORE	288	576
Outer Diameter	mm	19.0	20.5	24.0	30.0
Weight	kg/km	280	340	525	740
Max. Load (installation)	N	3000	3000	3000	3000
Max. Load (installed)	N	1500	1500	1500	1500
Min. Bend Radius (installation)	mm	15D	15D	15D	15D
Min. Bend Radius (installed)	mm	20D	20D	20D	20D
Operating Temp.	°C	-40~+70	-40~+70	-40~+70	-40~+70
Storage Temp.	°C	-10~+50	-10~+50	-10~+50	-10~+50
Installation Temp.	°C	-10~+50	-10~+50	-10~+50	-10~+50
Crush Resistance	N/100mm	2500	100N 2500	2500	2500

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