

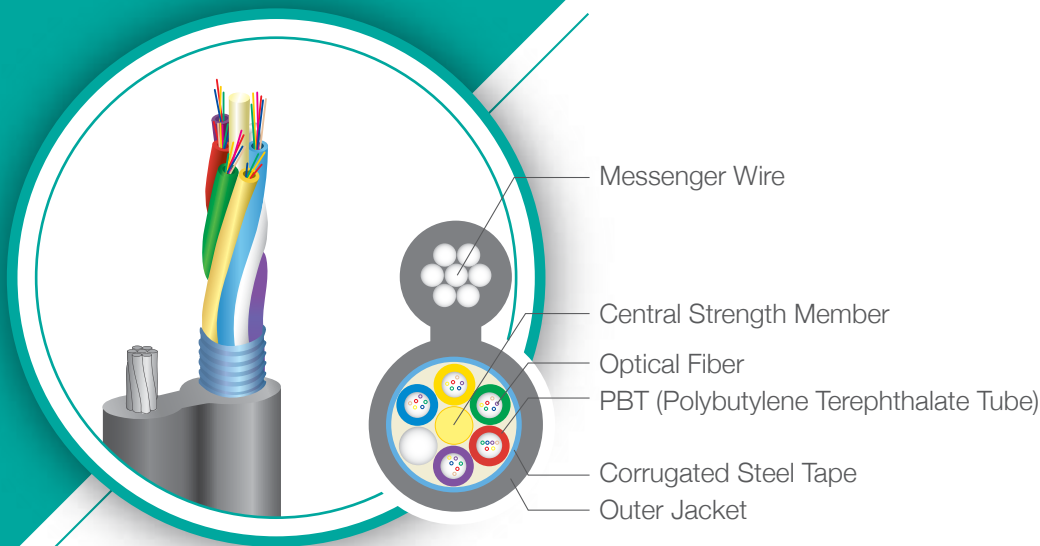
OUTDOOR AERIAL LOOSE TUBE ARMoured DUCT CABLE

FEATURES

- 2 to 144 fibers. Low to high density design. Higher fiber counts are available upon request.
- HDPE sheath which have very good tensile strength and tear resistance.
- Suspension steel wire integrated with cable sheath.
- Available in short to medium span.
- Available in glass armoured & steel armoured design.
- Extreme rugged construction for aerial & direct burial application.
- Loose tube design provides outstanding optical fiber protection.
- Jelly filled loose tube prevents water migration.

APPLICATIONS

- Backbone cable for Local Area Network system (LAN) and Wide Area Network. (WAN)
- Long haul telecommunication systems.
- Installation on the pole and directly underground.
- Installation in outdoor area.



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ITEM		DESCRIPTION					
Fiber Count		1 to 36	48 to 60	72	84 to 96	108 to 120	132 to 144
Tube	Number of Tube	1 to 6	4 to 5	6	7 or 8	9 or 10	11 or 12
	Fiber Per Tube	12					
	Tube Size	1.5-2.1mm					
Number of Fillers		5 to 0	1 to 0	0	1 or 0		
Central Strength Member (FRP)		3.70mm					
Armoured Material		Corrugated Steel Tape with Polymer Coating					
Suspension Stranded Wire		2.4 (19 x 0.8) mm					
Space Between Cable & Wire		3.0 x 4.0 mm					
Cable	Diameter	16.0mm	16.5mm	17.5mm	19.5mm	21.5mm	23.5mm
	Weight	355 kg/km	370 kg/km	395 kg/km	455 kg/km	520 kg/km	590 kg/km
Maximum Pulling Tension		2700 N					
Crush Resistance		100 N/mm					
Storage Temperature		-40° C ~ +85° C					
Operating Temperature		-30° C ~ +85° C					
Bending Radius	Static	160mm	165mm	175mm	195mm	215mm	235mm
	Dynamic	320mm	330mm	350mm	390mm	430mm	470mm