



Specs and Techs: Aerial Cable Short Span

Description:

All Dielectric Self Supporting (ADSS) cables are used aerially installed along poles and may also be installed along power lines. In this cable, optical fibres and water-blocking gel is placed inside buffer tubes. The core is constructed by stranding the buffer tubes around FRP rod, the central strength member. Water swellable yarn is provided over the FRP Rod and the core is wrapped in water swellable tape over which aramid yarn is applied. This core is then covered with a black HDPE jacket. Ripcords are provided under the jacket for ease of entry.

Applications:

- Small diameter, light weight, makes it easy for installation.
- Superior stability performance.
- Working temperature: -20°C~+70°C.
- 25-year life expectancy.
- Fibres in full compliance with ITU-T.

Parameter	Dimensions / Layout						Type
Fibre Count	12F	24F	48F	72F	96F	144F	
Numbers of fibres per tube	4	4	12	12	12	12	Glass Fibre
Number of loose tubes	3	6	6	6	8	12	PBTP
Central Strength Member	2.1mm	2.1mm	2.4mm	2.4mm	3.5mm	6.5mm	FRP Rod
Moisture Barrier	Over FRP Rod						Water Swellable Yarn
Core Wrapping	Over SZ core						Water Swellable Tape
Peripheral Strength Member	Over WS Tape						Aramid Yarn
Outer Sheath	1.5mm (Nominal)						HDPE - Black
Number of Ripcords	2						Polyester
Cable Diameter	10.5mm	10.5mm	11.0mm	12.0mm	13.5mm	16.5mm	
Cable Weight/km	70kg/km	75kg/km	80kg/km	90kg/km	115kg/km	150kg/km	

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