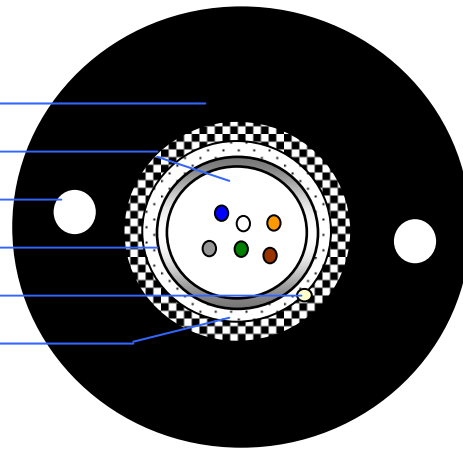


ADC Structured Cabling Solutions

Fibre Optic Cable-Outdoor Armoured Gel-Filled Loose Tube Cable

Issue 2

- Outer Sheath (HDPE) ←
- Loose Tube with fibres ←
- Steel Wire ←
- CST Armour ←
- Rip Cord ←
- Water Swellable tape ←



CROSS SECTION OF CABLE

Fibre Cable Outdoor Armoured Lite 9/125 SM LWP 6Core

Features:

- Suitable for Inter building backbone connectivity
- Suitable for duct or direct burial applications
- Colour coded fibres in Gel filled loose tubes
- Water blocking Tape
- Corrugated Steel Tape Armouring
- Rigid Steel strength members
- Outer sheath of HDPE

Specifications

Attenuation Db/km	
1310nm.....	<= 0.34db/km
1550 nm	<= 0.21db/km
Chromatic Dispersion	
1285-1330 nm	<=3.5 ps/nm km
1550 nm.....	<=18.0 ps/nm km
Zero Dispersion Wavelength.....	1300 to 1324 nm
Zero Dispersion spd.....	<= 0.092 ps/nm ² .km
Cable Cut off Wavelength	<=1320 Nm
Mode Field Dia at 1310nm	9.3±0.5 µm
Core clad concentricity error (µm)	<=0.6
Cladding non circularity(%).....	<=1.0
Cladding diameter (µm)	125 ±1.0
Coating diameter (µm).....	245± 10
Type of Fibre.....	SM LWP

SPEC SHEET



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Fibre Optic Cable-Outdoor Armoured Gel-Filled Loose Tube Cable

Cable Properties

No of fibres.....	6
No of Loose Tubes	1
Colour of Fibre.....	blue, orange, green, brown, slate & natural
Spring Steel wire diameter(2Nos) mm	0.9
Sheath Thickness mm	>=1.8
Cable Diameter mm	9.0±0.5
Tensile Strength-Installation (Newton).....	2000
Operating (Newton).....	1000
Minimum bending radius mm	180
Crush Resistance (Newton/100mm).....	4000
Cable Weight (Kg/Km)	85±8
Operating/Installing Temperature °C	-30 to +70
Storage Temperature °C	-30 to +70
Packing Length Km.....	2 ±10%

Ordering Information

Description	Product No.
Fibre Cable Outdoor Armoured Lite 9/125 SM LWP 6Core	D006LTSUAR010INLWP

SPEC SHEET

*KRONE Communications Ltd. is now ADC India Communications Ltd.



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