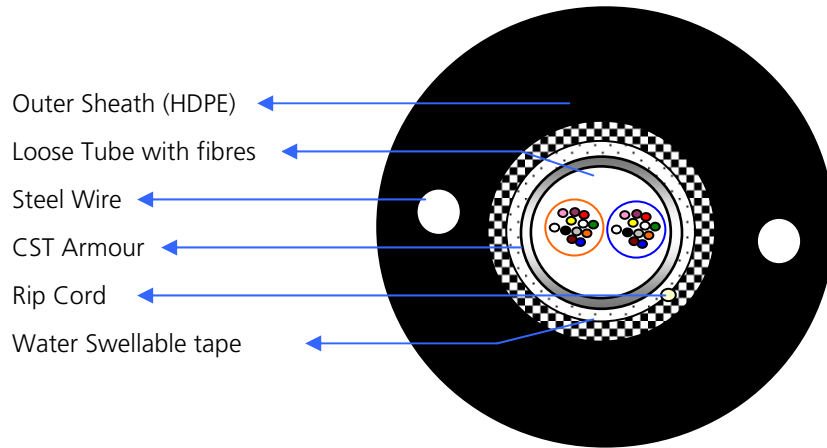


ADC Structured Cabling Solutions

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

Issue 2



CROSS SECTION OF CABLE

Fibre Cable Outdoor Armoured Lite 9/125 SM 24 Core

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.....	<= 0.38dB/km
1550 nm	<= 0.25dB/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)	<=0.8
Cladding non circularity(%).....	<=1.0
Cladding diameter (µm)	125 ±1.0
Coating diameter (µm).....	245± 10
Type of Fibre.....	G 652

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Cable Properties

No of fibres.....	24
No of loose Tubes	1
Colour of Fibre..... blue, orange, green brown, slate ,white, red, black , yellow, violet, pink & natural	
Bundle Colour.....	Blue and Orange
Spring Steel wire diameter (2Nos) (mm)	0.9
Sheath Thickness (mm)	>=1.8
Cable Diameter (mm).....	10.0±0.5
Tensile Strength-installation (Newton)	2000
Operating (Newton)	1000
Minimum bending radius mm	180
Crush Resistance (Newton/100mm)	4000
Cable Weight (Kg/Km)	100±10
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 24 Core	D024LTSUAR010IN

SPEC SHEET

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



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