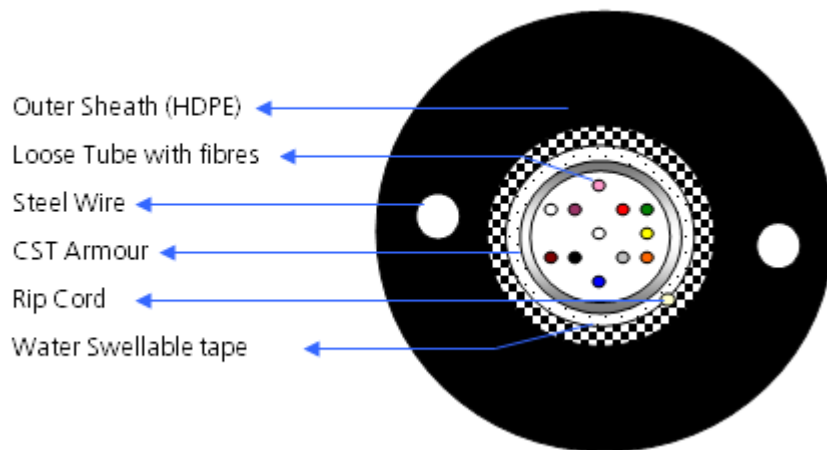


# ADC Structured Cabling Solutions

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

Issue 2



**CROSS SECTION OF CABLE**

### Fibre Cable Outdoor Armoured Lite 9/125 SM 12 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 Depression	
1285-1330 nm .....	<=3.5 ps/nm km
1550 nm.....	<=18.0 ps/nm km
Zero Dispersion Wavelength.....	1300 to 1324 nm
Zero Dispersion spdp.....	<= 0.092 ps/nm <sup>2</sup> .km
Cable Cut off Wavelength .....	<=1320 Nm
Mode Field Dia at 1310nm .....	9.3±0.5 μm
Core clad concentricity error (μm) .....	<=0.8

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

Cladding non circularity(%).....	<=1.0
Cladding diameter (µm) .....	125 ±1.0
Coating diameter (µm).....	245± 10
Type of Fibre.....	G 652

### Cable Properties

No of fibres.....	12
No of Loose Tubes .....	1
Colour of Fibre.....	blue, orange, green, brown, slate, white, red, black , yellow, violet, pink & 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 12 Core	D012LTSUAR010IN

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



#### [www.adc.com/in](http://www.adc.com/in)

10C, II Phase Peenya Industrial Area  
Bangalore 560 058  
Sales Support: 1800 425 8232

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101  
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