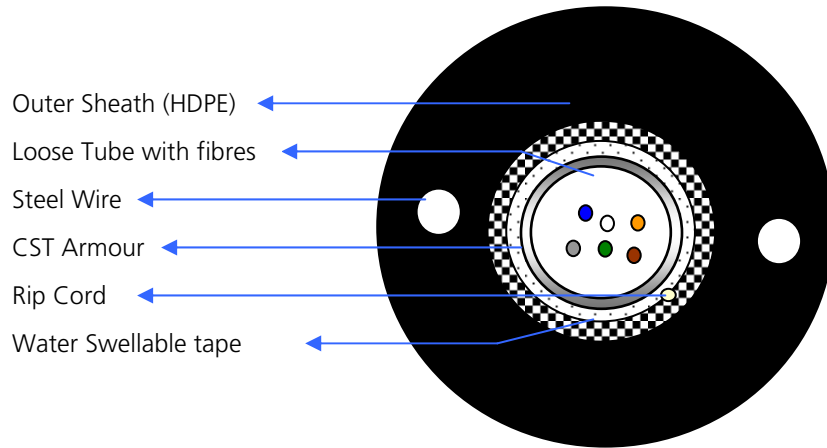


# ADC Structured Cabling Solutions

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

Issue 2



CROSS SECTION OF CABLE

### Fibre Cable Outdoor Armoured Lite 9/125 SM 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.....	<= 0.38dB/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 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
Cladding non circularity(%).....		<=1.0

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# ADC Structured Cabling Solutions

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

Cladding diameter (µm) ..... 125 ±1.0  
 Coating diameter (µm)..... 245± 10  
 Type of Fibre..... G 652

### 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 6Core	D006LTSUAR010IN

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



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