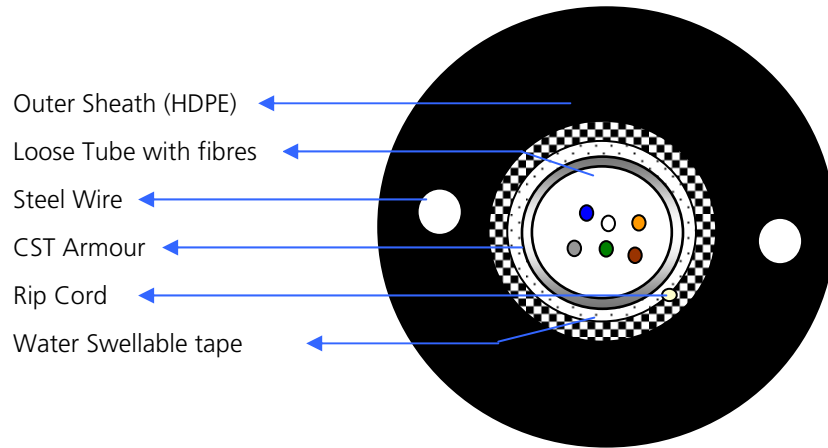


# ADC Structured Cabling Solutions

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

Issue 2



CROSS SECTION OF CABLE

### Fibre Cable Outdoor Armoured Lite 50/125 OM3 MM 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 .....		
850nm .....		<= 3.0
1300 nm .....		<= 1.0
Bandwidth Mhz.km .....		
850nm .....		>=1500
1300nm .....		>=500
Numerical Aperture.....		0.200 ±0.015
Core Diameter µm .....		50.0 ±2.0
Core non circularity % .....		<=6.0
Core clad concentricity error µm .....		<=6.0
Cladding non circularity% .....		<=2.0
Cladding diameter µm .....		125 ±2.0
Coating diameter µm .....		245± 10
Type of Fibre .....		50/125 OM3 multi mode

SPEC SHEET



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# ADC Structured Cabling Solutions

## 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 50/125 OM3 MM 6Core	D006LTSUAR50UIN

SPEC SHEET

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



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