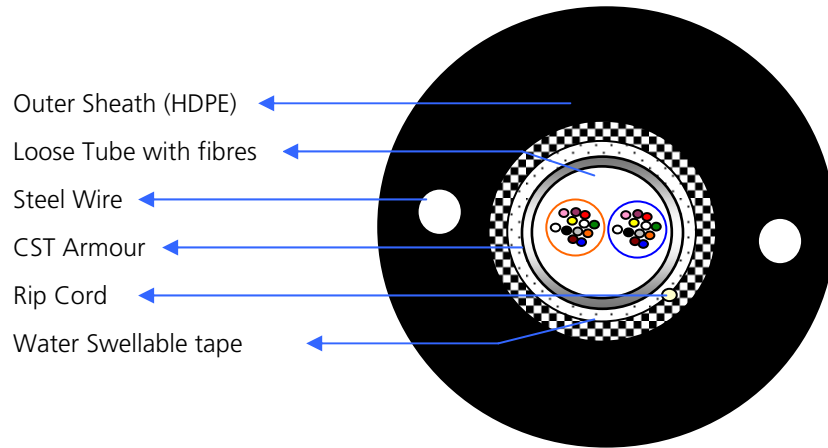


# ADC Structured Cabling Solutions

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

Issue 2



CROSS SECTION OF CABLE

### Fibre Cable Outdoor Armoured Lite 62.5/125 MM 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 .....	
850nm.....	<= 3.5
1300 nm .....	<= 1.0
Bandwidth Mhz.km .....	
850nm .....	>=200
1300nm .....	>=500
Numerical Aperture.....	0.275 ±0.015
Core Diameter µm .....	62.5 ±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.....	62.5/125 multi mode

SPEC SHEET



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

### 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 62.5/125 MM 24 Core	D024LTSUAR062IN

SPEC SHEET

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



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