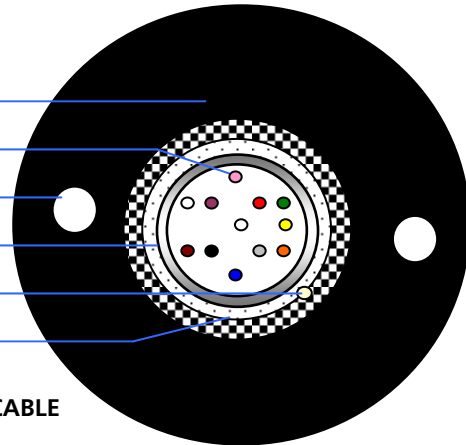


ADC Structured Cabling Solutions

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

Issue 2

- Outer Sheath (HDPE) ←
- Loose Tube with fibres ←
- Steel Wire ←
- CST Armour ←
- Rip Cord ←
- Water Swellable tape ←



CROSS SECTION OF CABLE

Fibre Cable Outdoor Armoured Lite 62.5/125 MM 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 | |
| 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..... | 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 62.5/125 MM 12 Core | D012LTSUAR062IN |

SPEC SHEET

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



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