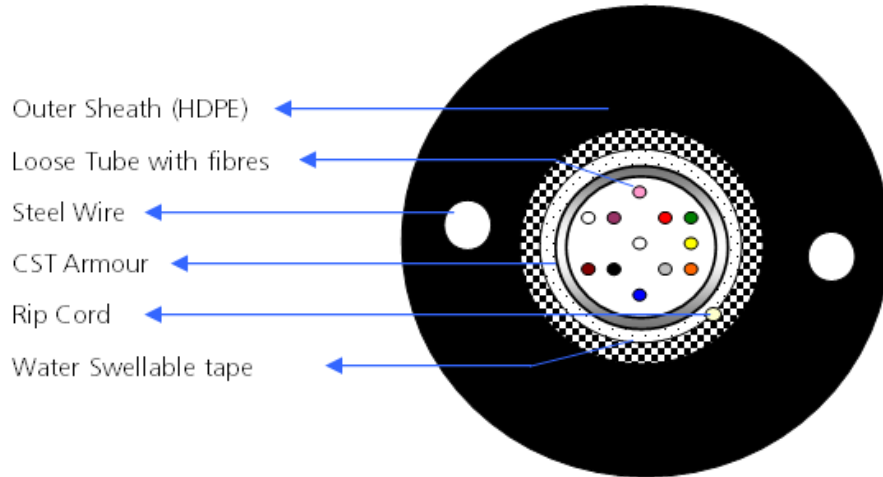


ADC Structured Cabling Solutions

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

Issue 2



CROSS SECTION OF CABLE

Fibre Cable Outdoor Armoured Lite 50/125 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.....		<= 3.0
1300 nm		<= 1.0
Bandwidth Mhz.km		
850nm		>=500
1300nm		>=500
Numerical Aperture.....		0.200±0.015
Core Diameter µm		50.0 ±3.0
Core non circularity %		<=6.0
Core clad concentricity error µm		<=6.0
Cladding non circularity%.....		<=2.0

SPEC SHEET



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

Cladding diameter μm 125 \pm 2.0
 Coating diameter μm 245 \pm 10
 Type of Fibre 50/125 multi mode

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) \geq 1.8
 Cable Diameter (mm) 9.0 \pm 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 \pm 8
 Operating/Installing Temperature ($^{\circ}\text{C}$) -30 to +70
 Storage Temperature ($^{\circ}\text{C}$) -30 to +70
 Packing Length (Km) 2 \pm 10%

Ordering Information

Description	Product No.
Fibre Cable Outdoor Armoured Lite 50/125 MM 12 Core	D012LTSUAR050IN

SPEC SHEET

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



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