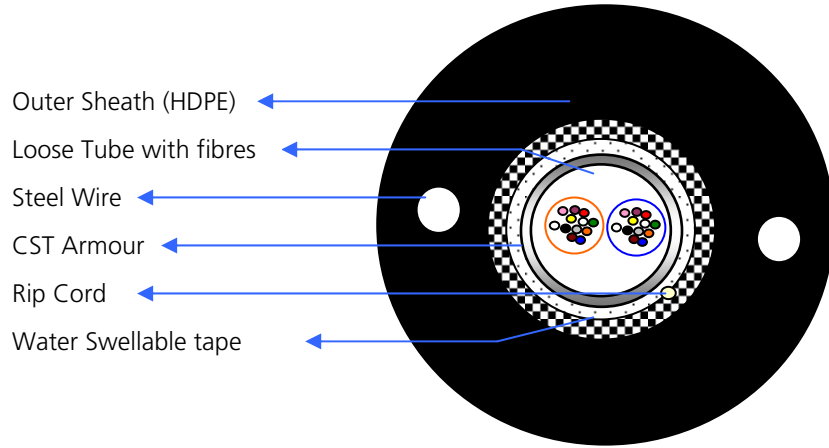


ADC Structured Cabling Solutions

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 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	<= 3.0
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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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 50/125 OM3 MM 24 Core	D024LTSUAR50UIN

SPEC SHEET

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



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