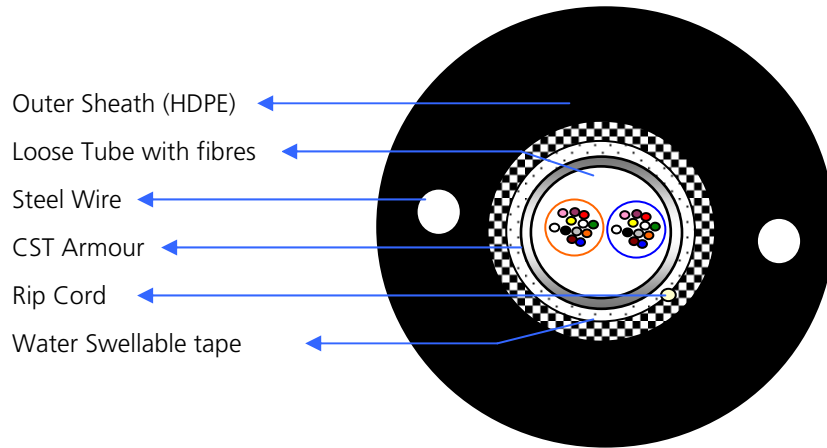


ADC Structured Cabling Solutions

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

Issue 2



CROSS SECTION OF CABLE

Fibre Cable Outdoor Armoured Lite 9/125 SM 24 Core LWP

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	
1310nm.....	<= 0.34db/km
1550 nm	<= 0.21db/km
Chromatic Depression	
1285-1330 nm	<=3.5 ps/nm km
1550 nm.....	<=18.0 ps/nm km
Zero Dispersion Wavelength.....	1300 to 1324 nm
Zero Dispersion spd.....	<= 0.092 ps/nm ² .km
Cable Cut off Wavelength	<=1320 Nm
Mode Field Dia at 1310nm	9.3±0.5 µm
Core clad concentricity error (µm)	<=0.6
Cladding non circularity(%).....	<=1.0
Cladding diameter (µm)	125 ±1.0
Coating diameter (µm).....	245± 10
Type of Fibre.....	SM LWP

SPEC SHEET



www.adc.com/in • 1800 425 8232

ADC Structured Cabling Solutions

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 9/125 SM 24 Core LWP	D024LTSUAR010INLWP

SPEC SHEET

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



www.adc.com/in

10C, II Phase Peenya Industrial Area
Bangalore 560 058
Sales Support: 1800 425 8232

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101

Specifications published here are current as of the date of publication of this document. Because we are continuously improving our products, ADC reserves the right to change specifications without prior notice. At any time, you may verify product specifications by contacting our headquarters office in Minneapolis. ADC Telecommunications, Inc. views its patent portfolio as an important corporate asset and vigorously enforces its patents. Products or features contained herein may be covered by one or more U.S. or foreign patents. An Equal Opportunity Employer

D024LTSUAR010INLWP / Issue 2 © 2010 ADC Telecommunications, Inc. All Rights Reserved.