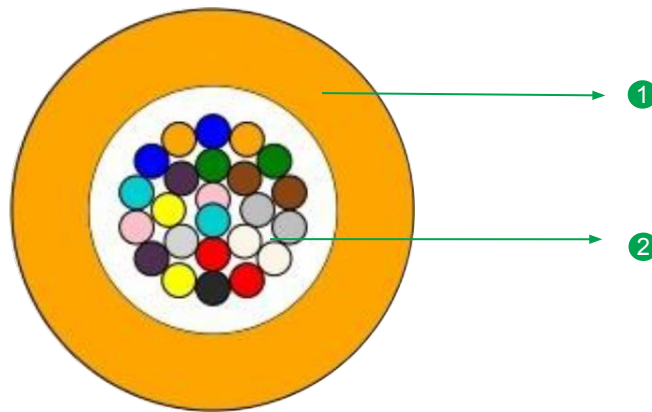


Atlas Lite Air Blown

24F G.657 A2



1 OUTER JACKET

2 FIBRES

* Typical Construction Diagram - Not to Scale

Features & Benefits

- Small size, fast cable termination and easy cable management.
- Optimum solution for last mile application.
- Provides comparable better crush and impact resistance.

Product Details

STL Airblown Fibre Optic cable is generally used in FTTx applications. It features light weight and small diameter specifically designed for metro feeder or access networking, especially suitable for air-blowing installation into single or bundled micro ducts.

Fibres and Cable Performance Standards

Cable complies to the following standards IEC 60793, IEC 60794-5-10, ITU-T, RoHS, REACH.

Printing Details

Printing: STL SM " FIBRE TYPE " "FIBRE COUNT" ULW AERIAL LASER SYMBOL TELEPHONE SYMBOL YEAR OF MANUFACTURE LENGTH CODE METER MARKING

Note: The accuracy of marking shall be + 0.5%. Occasional loss of printing & remarking shall be as per Bell core GR 20 and this supersedes the earlier markings.

Specifications

Physical Characteristics	
Fibre Count	24
Fibre Type	Sterlite Fibre ITU-T G.657 A2
Maximum Cabled Fibre Attenuation (dB/km)	1310nm : 0.38 & 1550nm : 0.25
PMD LDV (ps/sqrt.km)	< / = 0.1
Fibres per Tube	24
Fibre Color Sequence	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua, Blue*, Orange*, Green*, Brown*, Slate*, White*, Red*, Natural*, Yellow*, Violet*, Pink*, Aqua*
Nominal Cable Dimensions (mm)	2.6+/- 0.05
Nominal Cable Weight (kg/km)	5 ± 10%

Note:" Black color ring marking with 50 mm minimum gap in between adjacent marking.**

Mechanical & Environmental Characteristics		
Cable Characteristic	Testing Standard Method	Cable Performance
Tensile Strength (N)	IEC-60794-1-21-E1	70
Crush Resistance (N/100 mm)	IEC-60794-1-21-E3	800
Impact Strength (Nm)	IEC-60794-1-21-E4	2
Torsion	IEC-60794-1-21-E7	±180°
Min. Bend Radius (During Installation)	IEC-60794-1-21-E11	20 D
Min. Bend Radius (After Installation)	IEC-60794-1-21-E11	15 D
Water Penetration Test	IEC-60794-1-22-F5	1m head, 3m samples, 24 hrs
Drip Test	IEC-60794-1-21-E14	30 cm, 70°C, 24 hr
Temperature Performance	IEC-60794-1-22-F1	DMax. change in attenuation shall be \leq 0.15 dB/km
Installation		-10°C to + 70°C
Operation		-40°C to + 70°C
Storage		-40°C to + 70°C

Note: All test carried out shall be as per IEC Standard. Change in attenuation after and before testing shall be \leq 0.05 dB/km.

Packing and Lengths

Drum Type	Length Multiple (in km)	Order Tolerance	Short Lengths
Wooden Drums	4 ± 5%	±5%	Max 5%, Customer Approval

Printing Details

Printing :STERLITE SM G657A2 24F AIR BLOWN OFC LASER SYMBOL TELEPHONE SYMBOL "YEAR OF MANUFACTURING" "LENGTH CODE" "METER MARKING"

Note : The accuracy of marking shall be + 0.5%. Occasional loss of printing & remarking shall be as per Bell core GR 20 and this supersedes the earlier markings.