



M00000908

Atlas lite unitube airblown, 24-way, SM, G.657.A1, 200um, 2.5mm



Description

This atlas lite unitube airblown cable is generally used in FTTx applications. The cable is lightweight and has a small diameter. In addition, the cable is specially designed for metro feeder or access networks. The cable is especially suitable for blowing through single or bundled microducts.

Features

- Small size, quick cable termination and easy cable management
- Optimal solution for last-mile applications.
- Offers comparable better crush and impact resistance.

Specifications

Brand	Sterlite
Number of fibres	24
Fibre type	Sterlite ITU-T G.657 A1 200um
Maximum wired attenuation (dB/km)	1310nm : 0.35 & 1550nm : 0.23
PMD LDV (ps/sqrt.km)	</= 0.1
Fibres per tube	24
Colour sequence	Blue,Orange,Green,Brown,Grey,White, Red,Black,Yellow,Purple,Pink,Aqua, Blue*, Orange*, Green*, Brown*, Grey*, White*, Red*, Natural*, Yellow*, Violet*, Pink*, Aqua*
Nominal cable dimensions (mm)	2.5±0.1
Nominal cable weight (kg/km)	5±10%

Note: * symbol represents fibres with a single black ring mark.

Cable features	Test standard	Cable performance
Tensile strength (N)	IEC-60794-1-21-E1	70
Skull pressure (N/100 mm)	IEC-60794-1-21-E3	800
Impact (Nm)	IEC-60794-1-21-E4	2
Wring tension	IEC-60794-1-21-E7	$\pm 180^\circ$
Min. bending radius (during installation)	IEC-60794-1-21-E11	15 D
Min. bending radius (after installation)	IEC-60794-1-21-E11	10 D
Water penetration test	IEC-60794-1-22-F5	1 m waterhead, samples of 3 m, 24 hours
Drip test	IEC-60794-1-21-E14	30 cm, 70°C, 24 hours
Temperature performance	IEC-60794-1-22-F1	Max height change in attenuation will be: ≤ 0.15 dB/km
Installation temperature		-10°C to +70°C
Operating temperature		-40°C to +70°C
Storage temperature		-40°C to +70°C

Note: All tests are performed according to IEC standards. Change in attenuation after and before testing should be ≤ 0.05 dB/km for Single Mode fibre optic and ≤ 0.3 dB/km for Multimode fibre.

Cable performance standards

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

Packaging and lengths

Reel type	Wooden reels
Long lengths (km)	$8 \pm 5\%$
Order tolerance	$\pm 5\%$
Short lengths	Max 5%, Customer Approval



Print details

Print

Sterlite SM 12F G657A1, 200um, FTTH
laser symbol, telephone symbol, year of
manufacture, length, code, metre
marking

