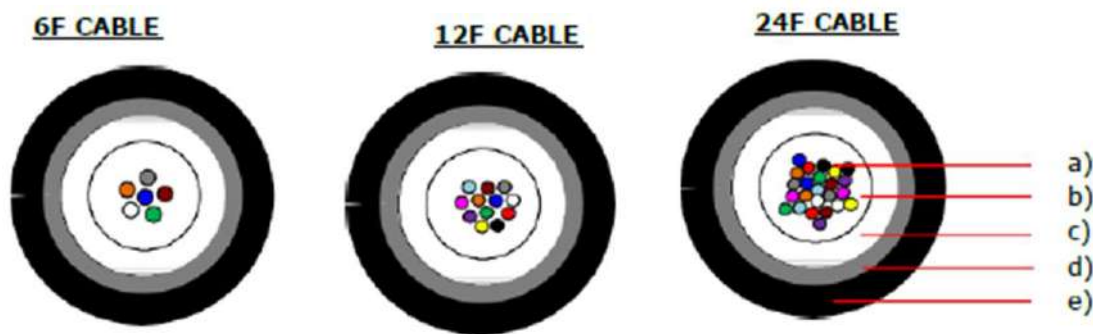


## Singlemode Indoor/Outdoor Fiber Cable Unitube

Avalon Loose tube indoor/outdoor optical fiber cable (unitube) singlemode type cable is designed with color coded Singlemode optical fibers located in a central tube. The construction is genuinely designed for Singlemode indoor/outdoor applications. Very easy and quick installation is attributed by its compact, lightweight construction. The outer sheath made of Low Smoke Zero Halogen (LSZH) material is suitable for outdoor and indoor applications.



### Specification

CABLE CONSTRUCTIONAL DETAILS	
Primary Coated Fiber (a)	Single mode -652D
Water Blocking Element in Loose Tube (b)	Thixotropic Jelly
Loose Tube (c)	PBTP
Peripheral Strength Member (d)	Glass Yarn
Outer Sheath (e)	LSZH, Black
COLOUR CODING	
Colour of Loose/Buffer Tube:	Natural
Color of Fiber for 2F	Blue, Orange
Color of Fiber for 6F	Blue, Orange, Green, Brown, Slate, White
Color of Fiber for 12F	Blue, Orange, Green, Brown, Slate, White, Red
	Black, Yellow, Violet, Pink, Aqua.
Color of Fiber for 24F	Blue, Orange, Green, Brown, Slate, White, Red
	Black, Yellow, Violet, Pink, Aqua.
WITH BLACK RING MARKING	Blue, Orange, Green, Brown, Slate, White, Red
	Natural, Yellow, Violet, Pink, Aqua
DELIVERY INFORMATION	
Approximate Cable Weight (Kg/Km)	55
Nominal Cable Diameter (mm)	7.4 ± 0.3

Standard Length per Drum (Meter)	2000 +/- 5 %
<b>MECHANICAL CHARACTERISTICS</b>	
<b>Temperature Range (IEC 60794-1-2-F1)</b>	
Installation	-20° C to +70° C
Operation	-20° C to +70° C
Transportation and Storage	-20° C to +70° C
<b>Cable Bending Radius (IEC 60794-1-2-E11A)</b>	
During Installation	20 x D, D = Cable Diameter
Installed	10 x D, D = Cable Diameter
Repeated Bending (IEC 60794-1-2-E6)	30 Cycle, r= 20 X D, 5 Kg Load, D = Cable Diameter
Tensile Force (IEC 60794-1-2-E1)	1500 N
Impact Resistance (IEC 60794-1-2-E4)	5J
Crush Resistance (IEC 60794-1-2-E3)	750 N/mm
Kink Resistance	10 x D, D = Cable Diameter
<b>OPTICAL CHARACTERISTICS</b>	
<b>Transmission Properties</b>	<b>Values and Units</b>
Attenuation at 1310nm	<=0.35 dB/Km
Attenuation at 1550nm	<=0.22 dB/Km
Attenuation at 1625 nm	< =0.25 dB/km

## Ordering Information

Part Number	Description
ANFC-SM-06C-LT-LSZH	06 Core Singlemode UT Indoor / Outdoor Fiber Cable - LSZH Sheath
ANFC-SM-12C-LT-LSZH	12 Core Singlemode UT Indoor / Outdoor Fiber Cable - LSZH Sheath
ANFC-SM-24C-LT-LSZH	24 Core Singlemode UT Indoor / Outdoor Fiber Cable - LSZH Sheath