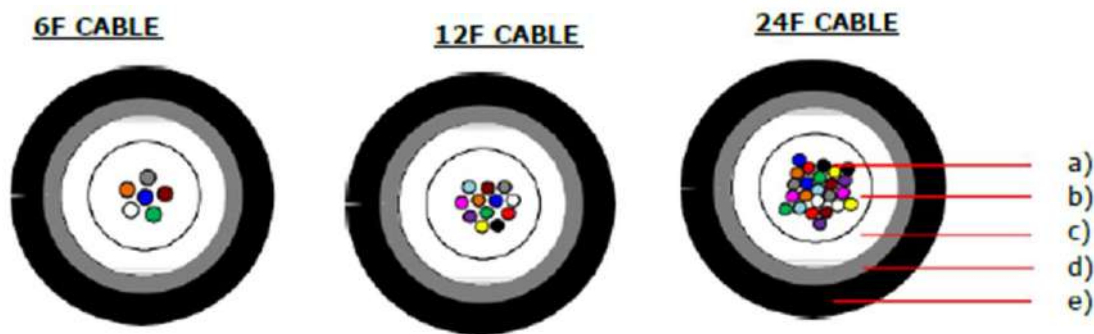


## OM3 Indoor/Outdoor Fiber Cable Unitube

Avalon Loose tube indoor/outdoor optical fiber cable (unitube) multimode type cable is designed with color coded OM3 optical fibers located in a central tube. The construction is genuinely designed for OM3 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)	Multimode mode –OM3
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 %	
MECHANICAL CHARACTERISTICS		
Temperature Range (IEC 60794-1-2-F1)		
Installation	-20 <sup>o</sup> C to +70 <sup>o</sup> C	
Operation	-20 <sup>o</sup> C to +70 <sup>o</sup> C	
Transportation and Storage	-20 <sup>o</sup> C to +70 <sup>o</sup> C	
Cable Bending Radius (IEC 60794-1-2-E11A)		
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	
OPTICAL CHARACTERISTICS		
Transmission Properties		Values & Unit
MM OM3 - 50/125F	Attn.	Bandwidth
850nm	<=3.0 dB/Km	500
1300nm	<=1.0 dB/Km	500

## Ordering Information

Part Number	Description
ANFC-OM3-06C-LT-LSZH	06 Core OM3 UT Indoor / Outdoor Fiber Cable - LSZH Sheath
ANFC-OM3-12C-LT-LSZH	12 Core OM3 UT Indoor / Outdoor Fiber Cable - LSZH Sheath
ANFC-OM3-24C-LT-LSZH	24 Core OM3 UT Indoor / Outdoor Fiber Cable - LSZH Sheath