

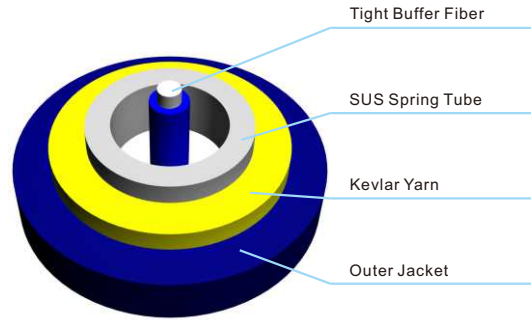
Simplex/Duplex Armored FO Cable



Temperature Range  
 Operating : -40°C to +70°C  
 Storage : -50°C to +70°C  
 Installation : -30°C to +70°C  
 Bending Radius:  
 Static 10D  
 Dynamic 20D

Description

Simplex, Duplex Indoor Armored cable is composed by SUS flexible tube, Kevlar strengthening member and outer jacket. With excellent mechanical performance of tensile strength and crush resistance, the cable is the ideal choice of cabling, processing patch cord, LAN and other communication applications.

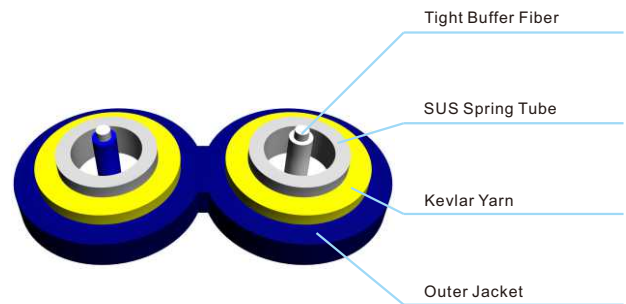


Features

Mini diameter SUS spring tube reinforced ensures good crush resistance to 3000N.  
 Dupon Kevlar strengthened brings good tensile strength of 200N above.  
 Outer jacket complies with UL, RoHS.  
 Light, flexible and easy to bend.

Applications

Process to armored patch cord.  
 Cabling on wall, ceil, tube, case, etc.  
 Cabling on outer wall, between building, etc.



Cable Structure

Optical Characteristics

Fiber Type		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	850 nm			≤3.0 dB/km	≤3.3 dB/km
	1300 nm			≤1.0 dB/km	≤1.0 dB/km
	1310 nm	≤0.36 dB/km	≤0.40 dB/km		
	1550 nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth	850 nm			≥500 MHz·km	≥200 Mhz·km
	1300 nm			≥500 MHz·km	≥500 Mhz·km
Numerical Aperture				0.200±0.015 NA	0.275±0.015 NA
Cable Cut-off Wavelength λ <sub>cc</sub>		≤1260 nm	≤1450 nm		

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
			Short Term	Long Term	Short Term	Long Term
1	3.0	18	400	200	3000	4000
2	3.0*6.2	36	400	200	3000	4000

Note: This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.