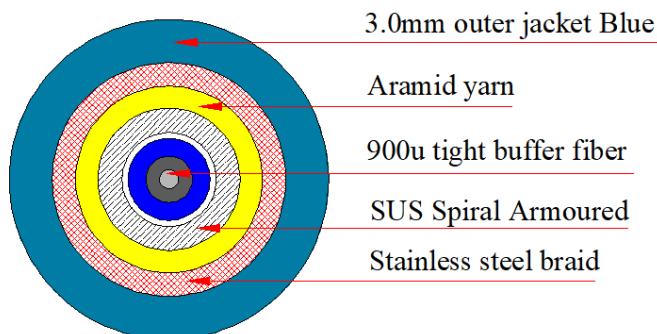


3.0mm SM Armored Optical Cable



Characteristic:

The armored fiber optic cable which “can be freely used like electrical wire”, this item is protected by flexible stainless steel tube. Compare with the regular fiber cable, it has advantage performance of High compression & impact resistance, anti-bug. With fixed standard 3mm fiber optic connector, it is widely used in various terrible environment.

Geometrical Characteristics:

Cable Structure	Specifications
Optical fiber	$\varnothing 0.9 \pm 0.05\text{mm}$ (Color: SM/ White or yellow; MM/ Blue or orange)
SUS204 Armoured	$\varnothing 1.65 \pm 0.05\text{mm}$
Aramid yarn	1100dtex, 1 branch outside the flexible metal tube
SUS304 Stainless steel braid	0.07mm*6 branches*16 spindles
Outer Jacket	$\varnothing 2.9 \pm 0.10\text{mm}$, Material: PVC/LSZH/PU/OFNP/PE

Mechanical Characteristics:

Item	Singlemode		Multimode	
Outer diameter	3.0mm		3.0mm	
Standard color	blue		gray	
Cable weight	15kg/km approx			
Operating temperature	PVC, OFNP -20°C ~ +70°C; LSZH, TPU, PE -40°C ~ +80°C			
Storage temperature	-40°C ~ +80°C			
Tensile strength	Short term	150N		
	Long term	300N		
Compression resistant strength	$\geq 3000\text{N}/100\text{MM}$			
General attenuation	1310nm	$\leq 0.4\text{dB}/\text{km}$	850nm	$\leq 3.0\text{dB}/\text{km}$
	1550nm	$\leq 0.3\text{dB}/\text{km}$	1300nm	$\leq 1.0\text{dB}/\text{km}$
Minimal Bending radius	$\geq 30D$		$\geq 30D$	
Printing contents	OPTICAL CABLE SM(G652) 3.0mm SIMPLEX XXXXM		OPTICAL CABLE MM(62.5/125) 3.0mm SIMPLEX XXXXM	