

# Industrial Armored Fiber Cable



## Features and Applications

- Multiple choices of industrial standard connectors
- OM4 Multimode (50/125um) fiber
- TPU jacket with water, abrasion, low-temperature resistance
- Helical steel armor provides additional crush and rodent protection
- Wide operating and storage temperature -40~80°C
- Max. 600N tensile strength and Max. 3000N crush strength

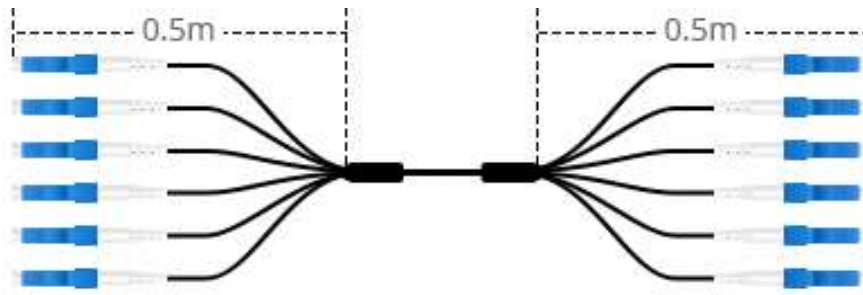


## Optical Specifications

Fiber Type	Connectors	Connector Polish	Temperature Range
OM4 50/125um multimode	LC/SC/ST/FC/MTP/IP67	UPC	-40 ~ 80 °C
Fiber Count	Attenuation	Insertion Loss	Return Loss
1 ~ 24 fibers	3.0dB/km @ 850nm 1.0dB/km @ 1300nm	LC/SC/ST/FC < 0.3dB MTP < 0.35dB IP67 < 0.5dB	> 20dB

## Mechanical Specifications

Cable Jacket	Tensile Load	Min. bending radius	Impact Resistance
TPU (Thermoplastic Polyurethane)	200N long term 600N short term	20/10D (Dynamic/static)	200 Impacts
Trunk Diameter	Breakout Diameter	Crush Resistance	Flex Resistance
1 fiber = 3.0mm 2 fibers = 4.0mm 4 fibers = 4.5mm 6 & 8 fibers = 5mm 12 fibers = 6mm 24 fiber = 7mm	1 ~ 4 fibers = 3.0mm 6 ~ 24 fibers = 2.5mm	1000N/100mm long term 3000N/100mm short term	2000 cycles



Leg Length: 0.5m

Fan-out in line 0.5m to Fan-out in line 0.5m

## Ordering Information

Connector 1	Connector 2	Cable Type	Fiber Type	Length (meter)	Connector Configuration
LC	LC	AM = Armored	M4 = OM4 50/125um	01M = 1 meter	D=duplex
				10M = 10 meter	S=simplex
				100M = 100 meter	

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