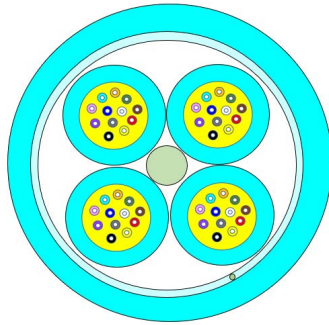


PRODUCT SPECIFICATIONS

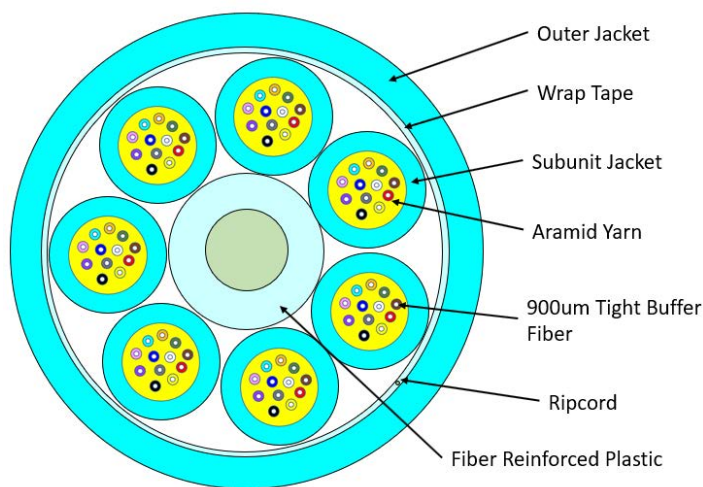
High Strand Count (48-96) OM4 Multimode Fiber Optic Cable



48 Fiber Configuration



96 Fiber Configuration



PRODUCT DESCRIPTION

Fiber Optic Cable - OM4 Multimode Fiber, Plenum or Riser Rated cable that is offered in 48, 60, 72, or 96 fiber configuration.

FEATURES	
Certifications & Compliance	ANSI/TIA-568-C.3 ANSI/ICEA S-83-596 ISO/IEC 11801 IEC60793-2-10 RoHS Reach ISO 9001 ISO 14001 NFPA 262 / UL1666 / UL1685 UL Listed OFNP/FT6/OFNR/FT4
Packaging	500 meters on a wooden drum or custom length from 50 meters to 450 meters
Color	Aqua
Applications	10BASE-FL 100BASE-SX/100BASE-FX ATM155/ATM622 1000BASE-SX/LX 10GBASE-SR/SW 10GBASE-LX4 40GBASE-SR4/eSR4 40G BiDi 40G SWDM4 100GBASE-SR4/eSR4 100G SWDM4 1, 2, 4, 8, 10, 16, 32, 128GFC (Fibre Channel)

DESCRIPTION	PRODUCT ID
OM4 48 Fiber Cable OFNP, XXX m, Aqua (Sold by the meter)	OFM48PAQXXX0
OM4 60 Fiber Cable OFNP, XXX m, Aqua (Sold by the meter)	OFM60PAQXXX0
OM4 72 Fiber Cable OFNP, XXX m, Aqua (Sold by the meter)	OFM72PAQXXX0
OM4 96 Fiber Cable OFNP, XXX m, Aqua (Sold by the meter)	OFM96PAQXXX0
OM4 48 Fiber Cable OFNR, XXX m, Aqua (Sold by the meter)	OFM48NAQXXX0
OM4 60 Fiber Cable OFNR, XXX m, Aqua (Sold by the meter)	OFM60NAQXXX0
OM4 72 Fiber Cable OFNR, XXX m, Aqua (Sold by the meter)	OFM72NAQXXX0
OM4 96 Fiber Cable OFNR, XXX m, Aqua (Sold by the meter)	OFM96NAQXXX0

XXX - number of meters / for example: 090 = 90 meters
Maximum reel length is 500 meters
Minimum order is 50 meters
Cut charge applied to multiple cuts of the same Product ID per order

PRODUCT SPECIFICATIONS

High Strand Count (48-96) OM4 Multimode Fiber Optic Cable



MATERIAL SPECIFICATIONS

	Plenum	Riser
Fiber Type	OM4 50/125μ	
Type of Cable	Tight Buffered	
Jacket Material	OFNP PVC	OFNR PVC
Color	Aqua	
Strength Member	Fiber Reinforced Plastic / Aramid Yarn	

DIMENSIONAL SPECIFICATIONS

	Plenum				Riser			
Fibers	48	60	72	96	48	60	72	96
Cable Diameter (Nominal)	14.8 ± 0.5 mm	16.1 ± 0.5 mm	17.5 ± 0.6 mm	20.7 ± 0.6 mm	14.8 ± 0.5 mm	16.1 ± 0.5 mm	17.5 ± 0.6 mm	20.7 ± 0.6 mm
Cable Weight 500 meters	88 kg	108 kg	131 kg	189 kg	88 kg	108 kg	131 kg	189 kg

MECHANICAL SPECIFICATIONS

	Plenum	Riser
Installation Tension (Max)	296.7 lb. / 1320 N	
Long Term Load (Max)	89.9 lb. / 400 N	
TIA/EIA FOTP-25 Impacts	4.34 ft-lb / 5.88 N-m	
TIA/EIA FOTP-41 Crush Resistance	1000 N/100 mm	
TIA/EIA FOTP-104 Cable Flexibility	100 Cycles	
Minimum Bend Radius – Install (20*Diameter)	11.7 in / 29.6 cm (48F), 12.7 in / 32.2 cm (60F), 13.8 in / 35.0 cm (72F), 16.3 in / 41.4 cm (96F)	
Minimum Bend Radius – Long Term (10*Diameter)	5.8 in / 14.8 cm (48F), 6.3 in / 16.1 cm (60F), 6.9 in / 17.5 cm (72F), 8.1 in / 20.7 cm (96F)	

TRANSMISSION SPECIFICATIONS

	Plenum	Riser
Effective Modal BW @ 850 nm	4700 MHz-km	
Overfilled Launch @ 850 nm	3500 MHz-km	
Attenuation @ 850 nm (Max)	3.0 dB/km	

TEMPERATURE RANGE

	Plenum	Riser
Storage Temperature	-4 °F to +140 °F (-20 °C to +60 °C)	
Installation Temperature	-4 °F to +140 °F (-20 °C to +60 °C)	
Operation Temperature	-4 °F to +140 °F (-20 °C to +60 °C)	
Humidity	10 % to 90 % RH	