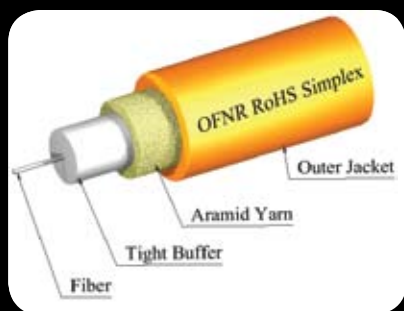
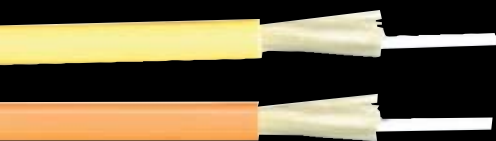


SIMPLEX FIBER OPTIC CABLE



Rapid Manufacturing and Delivery

Our inventory and manufacturing operations have earned TLC the reputation for having the most responsive product delivery system in the industry.

Our custom products and small manufacturing lots do not sacrifice our ability to economically produce large production quantities quickly and economically.

Standard Imprint

We imprint the manufacturer of the fiber and their product name on our jacket. No confusion now or in the future as to what fiber is deployed.

Colors

We make all our cable in 12 basic colors. Be creative in your network layout. Color it for simple identification.



TLC Simplex and Duplex Cables are designed for production termination where consistency and uniformity are vital for fast and efficient operation. We have created four separate size cables: 1.6mm, 1.8mm, 2.0mm and 2.9mm, so you may select a cable that fits the connector and your tooling system for a perfect match. Available in Riser, Plenum, and LSZH Jackets, and in 12 colors.

Part #	Jacket Material	Fiber Count	Diameter mm	Weight lbs/km	Bend Radius Install/Operate(cm)
M50SX01C6NRO	Riser, Orange, RoHS	1	2.9	13	6.0 / 3.0
M50SX01C6NPO	Plenum, Orange, RoHS	1	2.9	17	6.0 / 3.0
M50SX01C6NLO	LSZH, Orange, RoHS	1	2.9	15	6.0 / 3.0
M62SX01C3NRO	Riser, Orange, RoHS	1	2.9	13	6.0 / 3.0
M62SX01C3NPO	Plenum, Orange, RoHS	1	2.9	17	6.0 / 3.0
M62SX01C3NLO	LSZH, Orange, RoHS	1	2.9	15	6.0 / 3.0
S09SX01CNRY	Riser, Yellow, RoHS	1	2.9	13	6.0 / 3.0
S09SX01CNPY	Plenum, Yellow, RoHS	1	2.9	17	6.0 / 3.0
S09SX01CNLY	LSZH, Yellow, RoHS	1	2.9	15	6.0 / 3.0
M50SX01CXNRA	Riser, Aqua 10 gig	1	2.9	13	6.0 / 3.0
M50SX01CXNPA	Plenum, Aqua 10 gig	1	2.9	17	6.0 / 3.0

Part #	Jacket Material	Fiber Count	Diameter mm	Weight lbs/km	Bend Radius Install/Operate(cm)
M50SX01CN6R020	Riser, Orange, RoHS	1	2	4	4.0 / 2.8
M50SX01CN6P020	Plenum, Orange, RoHS	1	2	6	4.0 / 2.8
M50SX01CN6L020	LSZH, Orange, RoHS	1	2	5	4.0 / 2.8
M62SX01C3NR020	Riser, Orange, RoHS	1	2	4	4.0 / 2.8
M62SX01C3NP020	Plenum, Orange, RoHS	1	2	6	4.0 / 2.8
M62SX01C3NL020	LSZH, Orange, RoHS	1	2	5	4.0 / 2.8
S09SX01CNRY20	Riser, Yellow, RoHS	1	2	4	4.0 / 2.8
S09SX01CNPY20	Plenum, Yellow, RoHS	1	2	6	4.0 / 2.8
S09SX01CNLY20	LSZH, Yellow, RoHS	1	2	5	4.0 / 2.8
M50SX01CXNRA20	Riser, Aqua 10 gig	1	2	12.5	4.0 / 2.8
M50SX01CXNPA20	Plenum, Aqua 10 gig	1	2	6	4.0 / 2.8

Part Number Guide Simplex/Duplex

M62	DX	02	C3	NP	0	20
Fiber Type	Style	# of Fibers	Fiber Mfg Code	Compound	Color	Size Option

OPTICAL CHARACTERISTICS

TLC Prefix	Core/Clad	Mode	NA	Typ. Atten. (dB/km)	Max. Atten. (dB/km)	Min. LED Bandwidth (Mhz/km)	Corning® Optical Fiber Type
M50	50/125	Multimode	.200	3.0 / 1.0	3.5 / 1.5	500/500 700/500 1500/500 1500/500	InfiniCor® 600 InfiniCor® SXi InfiniCor® SX+ InfiniCor® eSX+
M62	62.5/125	Multimode	.275	3.0 / 1.0	3.75 / 1.5	200/500 200/500	InfiniCor® 300 InfiniCor® CL™1000
S09	9/125	Singlemode	.14	0.5 / 0.4	1.0 / 0.75		SMF28e+®

SIMPLEX FIBER OPTIC CABLE

- CONTINUED -

Made to fit ST, FC, SC, LC, MU and MT-RJ Connectors, a round 3mm round Duplex for MT-RJ is available.

Other fibers are available:
OFS 100/140
OFS 200/230
Other jackets are also available

Fiber Types Available

Corning® Optical Fibers

SMF-28e+®	9/125
SMF-28e® XB	9/125 Tolerant
ClearCurve®	9/125 Bend Insensitive
InfiniCor® 300	62.5/125
InfiniCor® CL™1000	62.5/125
InfiniCor® 600	50/125
LEAF®	5/125
InfiniCor® eSX+	50/125
InfiniCor® SX+	50/125
InfiniCor® SXi	50/125

OFS Fiber Optic Fibers

100/140	200/230
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Specialty Fibers

Per your request

Customer Supplied Fiber

Send us your fiber, and we can jacket your fiber to your requirements.

PRODUCT SPECIFICATIONS

Buffer Tolerance	± 50µm
Storage Temp.	-40/+85°C
Operating Temp.	-20/+85°C



Part #	Jacket Material	Fiber Count	Diameter mm	Weight lbs/km	Bend Radius Install/Operate(cm)
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1.8mm

M50SX01C6NR018	Riser, Orange, RoHS	1	1.8	4	4.0 / 2.8
M50SX01C6NP018	Plenum, Orange, RoHS	1	1.8	6	4.0 / 2.8
M50SX01C6NL018	LSZH, Orange, RoHS	1	1.8	5	4.0 / 2.8
M62SX01C3NR018	Riser, Orange, RoHS	1	1.8	4	4.0 / 2.8
M62SX01C3NP018	Plenum, Orange, RoHS	1	1.8	6	4.0 / 2.8
M62SX01C3NL018	LSZH, Orange, RoHS	1	1.8	5	4.0 / 2.8
S09SX01CNRY18	Riser, Yellow, RoHS	1	1.8	4	4.0 / 2.8
S09SX01CNPY18	Plenum, Yellow, RoHS	1	1.8	6	4.0 / 2.8
S09SX01CNLY18	LSZH, Yellow, RoHS	1	1.8	5	4.0 / 2.8
M50SX01CXNRA18	Riser, Aqua 10 gig	1	1.8	4	4.0 / 2.8
M50SX01CXNPA18	Plenum, Aqua 10 gig	1	1.8	6	4.0 / 2.8

1.6mm

M50SX01C6NR016	Riser, Orange, RoHS	1	1.6	4	3.8 / 2.5
M50SX01C6NP016	Plenum, Orange, RoHS	1	1.6	6	3.8 / 2.5
M50SX01C6NL016	LSZH, Orange, RoHS	1	1.6	5	3.8 / 2.5
M62SX01C3NR016	Riser, Orange, RoHS	1	1.6	4	3.8 / 2.5
M62SX01C3NP016	Plenum, Orange, RoHS	1	1.6	6	3.8 / 2.5
M62SX01C3NL016	LSZH, Orange, RoHS	1	1.6	5	3.8 / 2.5
S09SX01CNRY16	Riser, Yellow, RoHS	1	1.6	4	3.8 / 2.5
S09SX01CNPY16	Plenum, Yellow, RoHS	1	1.6	6	3.8 / 2.5
S09SX01CNLY16	LSZH, Yellow, RoHS	1	1.6	5	3.8 / 2.5
M50SX01CXNRA16	Riser, Aqua 10 gig	1	1.6	4	3.8 / 2.5
M50SX01CXNPA18	Plenum, Aqua 10 gig	1	1.6	6	3.8 / 2.5

Part Number Guide

Distribution

M62	SX	01	C3	NP	0
Fiber Type	Style	# of Fibers	Fiber Mfg Code	Compound	Color