

Applications

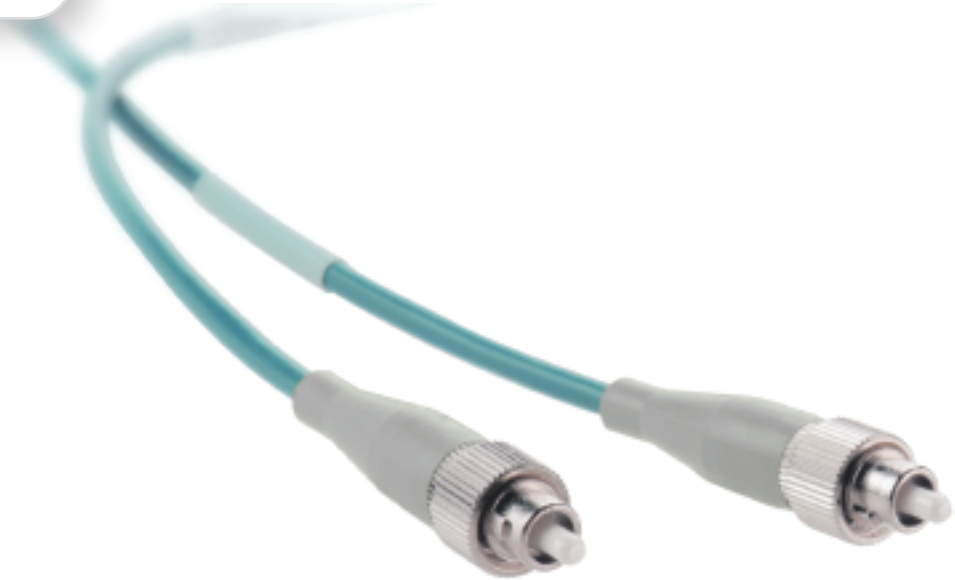
- 10 gigabit ethernet
- Campus networking
- Data storage connectivity
- Security connections
- Testing

Features

- Simplex or duplex assemblies
- Riser or plenum rated
- Low insertion loss
- Custom lengths and colors
- FC, SC, ST, LC, MU, and MT-RJ terminations

Benefits

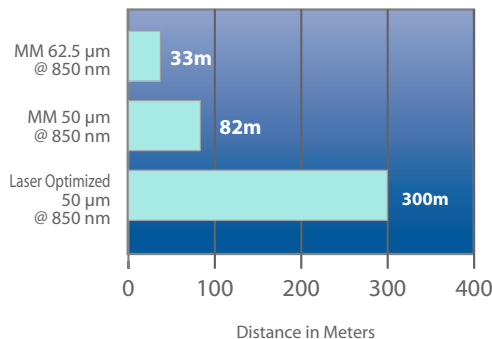
- On-site, precision manufacturing
- Guaranteed customer satisfaction
- Reliable and 100% tested
- Less expensive hardware



Fiber optic cables from Timbercon: the innovative approach to light speed connections.

Laser optimized multimode fiber (LOMMF) cable assemblies offer a unique solution for premise networking applications by enabling data transmission over longer distances, previously only available through singlemode solutions. By virtually eliminating differential mode delay (DMD), LOMMF cable assemblies can transmit data up to 520 meters, without the need for node re-interpretation.

Transmission Distance Comparison Chart for 10 Gig Ethernet



Performance Specifications

Insertion Loss (typical)	Laser Optimized MM 50μm
FC, ST, SC, LC, MU	0.35dB
MTRJ	0.3dB
Back Reflection (Typical)	≤ -20dB
Mating Durability (500 Cycles)	< 0.2dB
Temperature Range	-40°C to 85°C

Construction Specifications

	Buffer	Strength Member	Jacket
900μm	900μm	-	PVC
3mm Riser	900μm	Kevlar	PVC
3mm Plenum	900μm	Kevlar	PVC
Length Tolerance	<1m: +5cm / -0cm 1m - 10m: +10cm / -0cm >10m: +2% / -0%		

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www.timbercon.com



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Laser Optimized Cables

Part Number Generator

		A	B	C	D	E	F	G	H
C	A	7							

A - Fiber Type

- 7 LO MM 50µm
- LO MM for 10 Gig Applications

B - Construction Type

- 01 Bare 250 um
- 02 900 um
- 03 SX Riser 1.6
- 04 SX Riser 2.0
- 05 SX Riser 3.0
- 06 SX Plenum 1.6
- 07 SX Plenum 2.0
- 08 SX Plenum 3.0
- 09 DX Riser 1.6
- 10 DX Riser 2.0
- 11 DX Riser 3.0
- 12 DX Plenum 1.6
- 13 DX Plenum 2.0
- 14 DX Plenum 3.0
- 15 DX Riser DIB
- 16 DX Plenum DIB
- 17 DX Riser BO
- 18 DX Plenum BO
- 30 SX Stainless 3.0
- 32 DX Stainless 3.0
- 40 900um Stainless
- 99 Custom

C - Connector 1

- 03 FC
- 07 LC
- 17 MT-RJ Female
- 18 MT-RJ Male
- 19 MU
- 21 SC
- 25 SMA 905
- 26 SMA 906
- 27 ST
- 99 Custom

D - End Polish 1

- 1 MM PC
- 5 Flat

E - Connector 2

- 00 No Connector
- 03 FC
- 07 LC
- 17 MT-RJ Female
- 18 MT-RJ Male
- 19 MU
- 21 SC
- 25 SMA 905
- 26 SMA 906
- 27 ST
- 99 Custom

F - End Polish 2

- 1 MM PC
- 5 Flat

G - Cable Length

Enter unit length in whole numbers. Use block (H) to specify unit of measure.

EXAMPLE: (G) (H)
10 Meter Cable = 010 M

H - Unit of Measure

- N Inches
- F Feet
- C Centimeters
- M Meters
- K Kilometers

TIP:
Search OEM equivalent part numbers online at:
<http://www.timbercon.com/oem>

Part Number Example: CA-714-071-071-010M

This represents:
FIBER OPTIC CABLE ASSEMBLY - LASER
OPTIMIZED MULTIMODE 50µm, 3.0MM
DUPLEX PLENUM JACKET, LC/PC TO LC/PC.
LENGTH: 10 METER



About Timbercon

Founded in 1997, Timbercon, Inc. is a fiber optic product and solution manufacturing company providing a vast array of connectivity solutions to the data storage, telecommunications, military, industrial, broadcast and networking industries. In addition to standard fiber optic patch cords and attenuated test cables, Timbercon has pioneered proprietary products, many of which are now considered to be an industry benchmark.