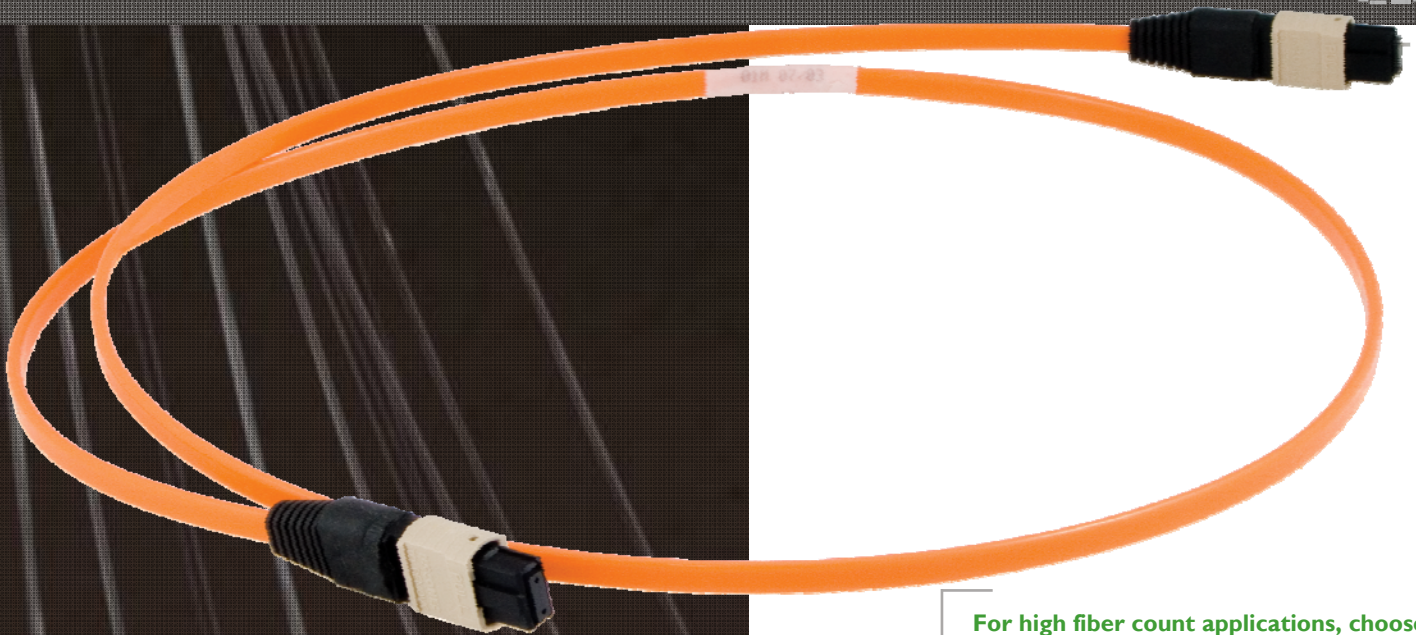
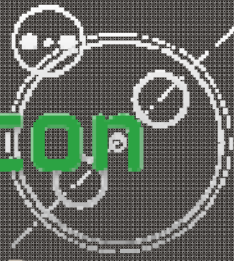


Ribbon Fiber Cables

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▶ BENEFITS

- Connector quality and durability
- Definable attenuation
- Multiple breakout connectors eliminate the need for adapters

▶ APPLICATIONS

- Equipment interconnects
- High speed data transfer
- Premise and carrier networks
- Fiber management
- Cassette module connections

For high fiber count applications, choose Ribbon Fiber Cables

Timbercon ribbon fiber cables offer a compact, efficient, and versatile solution to applications requiring maximum connectivity in a minimum amount of space.

▶ PREMIUM SOLUTIONS

Based on single ferrule MT technology, these cable assemblies provide up to 72 fiber connections in a single point. This reduces the physical space and labor requirements, while providing the same bandwidth capacity of a multi-fiber cable with individual fiber/connector terminations.

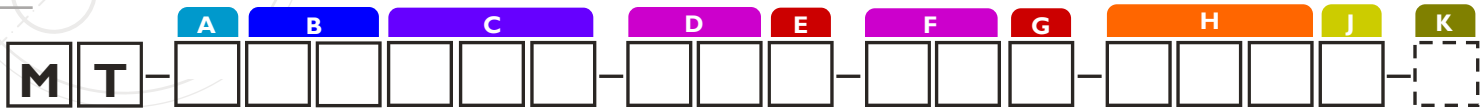
Timbercon ribbon fiber cables are used in many applications requiring multiple fibers from point to point, and/or multiple fiber distribution from one point to several separate points.

Timbercon ribbon fiber cables are available in singlemode, multimode, and laser optimized fiber types, with standard and custom precision polishing that is guaranteed to meet or exceed application requirements and industry standards.

▶ FEATURES

- MT & Elite connector options
- 0dB - 24dB attenuation options
- SC, LC, ST, FC, MT-RJ, and MU connector options (breakout style)
- Bare ribbon, 2mm, 3mm, ruggedized, and custom jacketing options

Ribbon Fiber Cables



PART NUMBER GENERATOR

A - Fiber Type

- 0 Custom
- 5 MM 50um
- 6 MM 62.5um
- 7 OM3 MM 50um
- 9 SM 9um

B - Construction Type

- 07 Ribbon Riser
- 08 Ribbon Plenum
- 09 Ribbon Armored
- 12 Bare Ribbon
- 40 Stainless Steel
- 50 5MM RLT (PL)
- 51 5MM RLT (R)
- 52 3MM RLT (PL)
- 53 3MM RLT (R)
- 60 Round Ribbon (R)
- 61 Round Ribbon (PL)
- 62 5MM RCT (R)
- 63 5MM RCT (PL)
- 64 LSZH RCT
- 99 Custom

C - Fiber Count

Enter the fiber count in whole numbers (002—048). Use (0) as place holder, if necessary.

EXAMPLE:
12 Fiber Cable =
(C) 012

D/F - Connector

- 11 MTP® Female
- 12 MTP Male
- 13 MTP Elite Female
- 14 MTP Elite Male
- 15 MTP Female Short
- 16 MTP Male Short
- 17 MTP Elite Female Short
- 18 MTP Elite Male Short
- 50 MPO Female
- 51 MPO Male
- 52 MPO Elite Female
- 53 MPO Elite Male
- 99 Custom

E/G - End Polish

- 4 SM APC
- 5 MM Flat

H - Length

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

EXAMPLE:
10 Meter Lead =
(H) 010
(J) M

J - Unit of Measure

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

K - Pin Out

- B Key Up / Key Up
- C Pair Wise Flip
- D Custom

PERFORMANCE

Insertion Loss (Typical)	SM	MM
MT	0.5 dB	0.5 dB
MT Elite	0.35 dB	-
FC, ST, SC, LC, MU	0.15 dB	0.35 dB
MTRJ	0.3 dB	0.3 dB
Armadillo LC	0.15 dB	0.35 dB
Armadillo SC	0.15 dB	0.35 dB
Back Reflection (Typical)	≤-55 dB	≤-35 dB
Mating Durability (500 Cycles)	<0.2 dB	<0.2 dB
Temperature Range	-40°C to 85°C	-40°C to 85°C

CONSTRUCTION

	Buffer	Strength Member	Jacket
Bare Ribbon	Bare Ribbon	-	-
Jacketed - Riser	Bare Ribbon	Kevlar	PVC
Jacketed - Plenum	Bare Ribbon	Kevlar	PVDF
Length Tolerance	<1m: +5cm / -0cm 1m - 10m: +10cm / -0cm >10m: +2% / -0%		

ABOUT

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.

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Photonic design at the speed of light

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