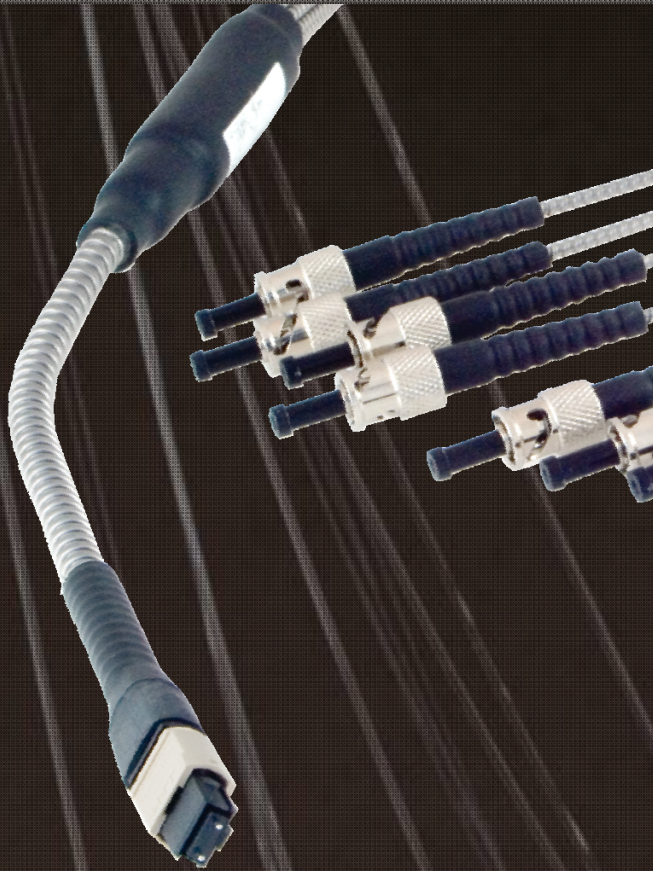
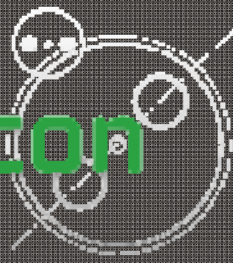


Stainless Steel Ribbon Fiber Cables

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BENEFITS

- Improved durability
- Standard and breakout styles to suit your application
- Seamless integration with existing systems
- Increased flexibility for multiple applications
- Precision optical performance

APPLICATIONS

- Harsh environment
- Manufacturing
- Interconnects
- Testing

High-density, Multi-Fiber Cables for harsh environment and rigorous use

The stainless steel ribbon fiber cable incorporates the functionality of an MT (MTP®, MPO, and Elite) cable with the durability of a ruggedized harsh environment product. Constructed of crush, abrasion, and chemically resistant stainless steel jacketing and MT ribbon fiber connectors, these assemblies are suitable for a multitude of applications from machinery interconnects to military and industrial applications.

The Timbercon ruggedized stainless steel ribbon fiber cables are available with 4 to 24 fibers in MT to MT, MT to breakout (FC, ST, LC, SC), and custom configurations.

EMI Concerns?

Timbercon's Stainless Steel Ribbon Fiber Cables can be ordered with protective PVC coating to eliminate any potential EMI (electromagnetic interference) issues.

PREMIUM SOLUTIONS

Ruggedized construction

Standard and breakout styles

Multiple polish options (breakout style)

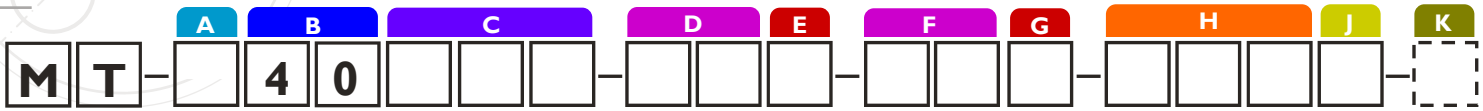
Multiple fiber options

Multiple connector options

Attenuation options

FEATURES

Stainless Steel 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
MT / MT	Bare Ribbon	Kevlar	6mm Stainless Steel
MT / Breakout	Bare Ribbon	Kevlar	6mm / 3mm Stainless Steel
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