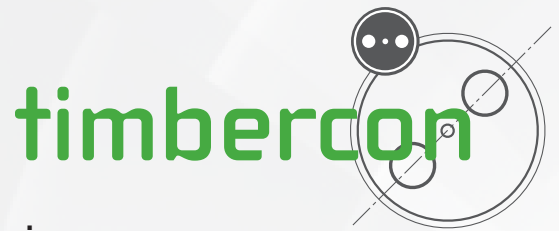


MT Stainless Steel Ribbon Fiber Cables



Applications

- Harsh Environment
- Manufacturing
- Interconnects
- Testing

Features

- Ruggedized construction
- Standard and breakout styles
- Multiple polish options (breakout style)
- Multiple fiber options
- Multiple connector options
- Attenuation options

Benefits

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

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%	

20245 SW 95th Avenue • Tualatin, OR 97062 • USA
503.827.8141 • 800.221.6992 • 503.228.6747 fax
www.timbercon.com • info@timbercon.com

Overview

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. The cables are 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.

Timbercon's stainless steel ribbon fiber cables can be ordered with protective PVC coating to eliminate any potential EMI (electromagnetic interference) issues.

* MTP® is a registered trademark of US Conec Ltd.

About Timbercon

Timbercon, Inc., founded in 1997, is a fiber optic product and solution manufacturing company providing a variety of connectivity solutions to the defense, aerospace, medical, data storage, telecommunications, industrial, broadcast and networking industries.

In addition to standard fiber optic assemblies and attenuated loopbacks, Timbercon has pioneered many proprietary products. Additional company information can be found at www.timbercon.com.

