Ribbon Fiber Cables

timbercon
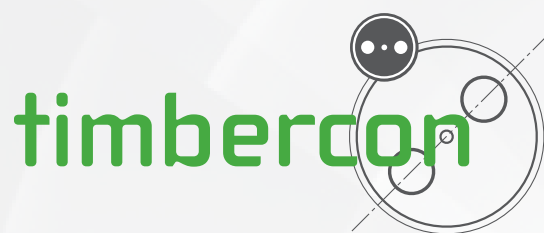
Applications

–Equipment Interconnects
–High Speed Data Transfer
–Premise and Carrier Networks
–Fiber Management
–Cassette Module Connections

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

Benefits

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

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%		

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Overview

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

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.

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.