

Multi-Fiber Distribution

timbercon



BENEFITS

Standard and custom precision polishing is guaranteed to meet or exceed application requirements and industry standards

Built to fit your application

Product customization allows virtually any part of the product to be designed and built to provide the ideal solution for those very specific, tight tolerance applications.

APPLICATIONS

Outside plant

Premise networks

Aerial distribution

Communications closet/NOC

Interconnect

Choose Multi-Fiber Distribution cables for your network and multi-connection needs

Timbercon multi-fiber distribution cable assemblies combine the bandwidth capacity of several individual cable assemblies into a single convenient, easy to use and install assembly. Multi-fiber distribution cable assemblies are traditionally used in backbone, premise distribution, and interconnect applications which require multiple fibers to be routed together from point-to-point.

Timbercon multi-fiber distribution cables are designed to offer a high degree of flexibility through available features and options, allowing each cable to be manufactured to fit the exact application.

Multi-fiber distribution cables are available in singlemode, multimode, and laser optimized fiber types, multiple jacket/construction types for different applications, fiber count from 4-144 fibers, SC, LC, ST, FC, and MU connector types, and breakout style/length.

Pulling eye option

For easier installation and or routing of your multi-fiber distribution cable, Timbercon offers a pulling eye option which can be installed on any cable prior to every leaving the factory.

Contact your Timbercon representative for additional information on pulling eye options.

PREMIUM SOLUTIONS

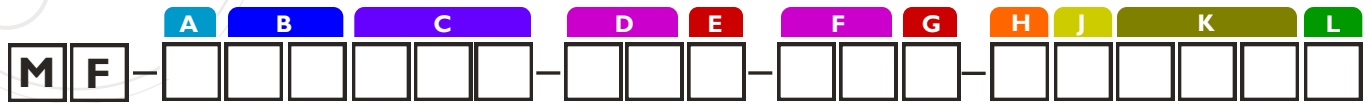
FEATURES

Single assembly with multiple fiber terminations

Multiple fiber construction types
SC, LC, ST, FC, and MU connector options

Definable cable and breakout style/length

Multi-Fiber Distribution



PART NUMBER GENERATOR

A - Fiber Type

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

B - Construction Type

- 01 Dist. Riser
- 02 Dist. Plenum
- 03 Dist. Armored
- 04 Breakout Riser
- 05 Breakout Plenum
- 06 Breakout Armored
- 10 Outside Plant
- 20 Dist. Mil-Tac
- 25 Breakout Mil-Tac
- 30 Subgroup/6 RS
- 31 Subgroup/6 PL
- 32 Subgroup/12 RS
- 33 Subgroup/12 PL
- 40 Loose Tube
- 50 Messenger Steel
- 99 Custom

C - Fiber Count

Enter the fiber count in whole numbers (002 - 144). Use (0) as a place holder, if necessary.

EXAMPLE:
10 Fiber Cable =
(C) 010

D/F - Connector

- 03 FC
- 04 FC APC N
- 07 LC
- 08 LC APC
- 17 MT-RJ MALE
- 18 MT-RJ FEMALE
- 19 MU
- 21 SC
- 22 SC APC
- 25 SMA 905
- 26 SMA 906
- 27 ST
- 45 MIL ST
- 47 COTS ST
- 71 LC Arma Yellow
- 72 LC Arma Orange
- 73 LC Arma Black
- 81 SC Arma Yellow
- 82 SC Arma Orange
- 83 SC Arma Black

E/G - End Polish

- 1 MM PC
- 3 SM UPC
- 4 SM APC
- 5 Flat

H - Breakout Length

- 1 12"
- 2 12" Staggered
- 3 24"
- 4 24" Staggered
- 5 36"
- 6 36" Staggered
- 9 Custom

J - Breakout Style

- 1 900 um
- 2 2.5 mm
- 3 3.0 mm
- 4 2.0 mm
- 5 3 mm SS
- 9 Custom

K - Length

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

EXAMPLE:
10 Meter Cable =
(K) 010
(L) M

G - Unit of Measure

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

PERFORMANCE

Insertion Loss (Typical)	SM	MM
FC, ST, SC, LC, MU	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
Distribution Cable (Riser / Plenum)	900um	Kevlar	PVC / PVDF
Breakout Cable (Riser / Plenum)	900um	Kevlar	PVC / PVDF
Mil-Tac Cable (Riser / Plenum)	900um	Kevlar	Polyurethane

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