Deployable Fiber Solutions

Applications

–Industrial
–Military and Defense
–Broadcast & Security
–Oil and Gas
–Mining

Features

–Cable options for any environment or application
  –Multiple color options
  –Rodent-proof/resistant
  –Distribution or breakout
–MIL-standard, semi-rugged or commercial connec-
 -tors available
–Companion wall-mount or jam-nut receptacles for
 complete end-to-end systems
–Manual, powered and modular reel options for any
 length cable assembly
–Optical/electrical hybrid capabilities
–Up to 192 channels

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Overview

Applications such as broadcast, satcom, industrial networks and military ground systems often require fiber optic links that are deployed for a period of time but can then be reeled up and re-deployed in another location. Timbercon offers a series of rugged, semi-rugged, or commercial deployable fiber optic cable assemblies for a myriad of indoor or outdoor applications.

Timbercon's deployable cable assemblies are available in a wide variety of cable colors and types including distribution, breakout, and rodent-resistant in channel counts from 1 to 192. In addition, these assemblies are offered with different reel options such as manual crank with stand, powered or modular/stackable configurations.

For mil-aero applications, Timbercon cable assemblies can be equipped with D38999, M28876, M83522 or M83526 mil-spec connectors. Timbercon also offers ATEX or MSHA harsh environment connectors for severe duty industrial applications. Standard COTS connectors can be used for those cost-sensitive applications in environmentally protected areas.

Semi-rugged deployable cable assemblies employ Timbercon's Armadillo connectors that feature a hardened shell around commercial connectors with added strain relief and are ideal for those applications between outdoor, harsh environments and indoor, light-duty scenarios.

Timbercon can build an assembly from a supplied drawing or set of specifications or design a solution for you based on your environmental and performance requirements. Whether you are looking for a one-of a kind product or you have a number of systems requiring deployable solutions, Timbercon has the resources and expertise to quickly address your needs.

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 and industrial 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.

Deployable Fiber Solutions

Mil-spec

Expanded Beam
M83526/20 & /21

TFOCA Style

M28876

D38999

M83522
MIL-ST

Semi-rugged

LC-Armadillo

IP68 MTP®/MPO

IP68 Optical/Electrical
Hybrid

IP68 LC

IP68 SC

Commercial

LC

SC

FC

ST

E2000

Ordering Information

Timbercon is capable of providing deployable solutions for almost any application and environment. If you do not see what it is you require from the more common connector types listed above, please let us know and we can confirm our capabilities will meet your needs. As with most manufacturers, custom products may require varying degrees of effort to produce a quotation. Please call and ask for a sales representative and we can begin working on a solution for you today.

Questions we may have about your cable needs:

1. What fiber type (single mode, multimode [50/125, - 62.5/125], other) are you using?

2. How many channels do you require?

3. What is your connector type?

4. If multiple connectors on each end, what is your fanout lead length?

5. Will you need wall receptacle assemblies?

6. Do you need a deployable reel?

7. What environmental requirements do you have?

8. Any special performance requirements?

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