



Applications

- Navy and Shipboard
- Military / Defense
- Harsh Environment
- Opto-electrical

Features

- Ruggedized assemblies
- Wall mount, jam nut and receptacle connector options
- Precision alignment sleeve/termini
- MIL-C-28876 standard compliant
- Optical/electrical hybrid options
- Custom design options

Benefits

- Increased durability
- Improved application flexibility
- Precise optical alignment and connection
- Meets or exceeds MIL standard requirements
- Single assembly can provide optical and electrical connection
- Application specific solutions available with custom services

Performance

Insertion Loss (Typical)	SM	MM
MIL-PRF-28876	0.25 dB	0.60 dB
FC, ST, SC, LC, MU	0.15 dB	0.35 dB
MTRJ	0.30 dB	0.30 dB
Arma SC, Arma LC	0.15 dB	0.35 dB
Mating Durability (Cycles)	500**	500**
Temperature Range*	-40°c to 85°c	-40°c to 85°c

*Wider temperature range available upon request
**Per BA-455-21 Standard

Overview

Timbercon MIL-PRF-28876 cable assemblies, the superior performance interconnect solution for shipboard and other harsh environment communication applications.

Timbercon MIL-PRF-28876 assemblies provide precise optical and/or electrical communications link for a multitude of applications, most notable is ship-to-shore data transmission. Each Timbercon MIL-PRF-28876 assembly incorporates premium components with superior cable assembly design and manufacturing techniques to produce a highly reliable product.

Timbercon MIL-PRF-28876 assemblies are available with a myriad of fiber types, shell sizes, pin/socket configurations, ruggedization levels and custom options to suit your exact requirement.

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.

