



Applications

- Military / Defense
- Land (Tactical)
- US Marines® Standard
- US Army® Standard
- Harsh Environment
- Down Hole Drilling
- Broadcast

Features

- Ruggedized assembly
- Wall mount, jam nut and receptacle connector options
- Hermaphroditic connector design
- Environmentally sealed
- MIL-PRF-29504 compliant
- MIL-DTL-83526 compliant
- Custom design options

Benefits

- Increased durability
- Improved application flexibility
- Genderless mating flexibility
- Meets or exceeds MIL standard requirements
- Application specific solutions available with custom designs

Performance

Insertion Loss (Typical)	SM	MM
MIL-DTL-83526	0.30 dB	0.40 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)	2000**	2000**
Temperature Range*	-40°C to 85°C	-40°C to 85°C

*Wider temperature range available upon request

**Per EIA-455-21 Standard

Overview

The ideal solution for harsh environment, down-hole drilling and military applications.

Timbercon MIL-DTL-83526 assemblies provide a superior multi-channel communications link featuring ruggedized assembly construction, durable environmentally sealed connectors and hermaphroditic genderless matability. Each Timbercon assembly incorporates premium components with superior cable assembly design and manufacturing techniques to produce a highly reliable and superior performing solutions for demanding applications.

Timbercon MIL-DTL-83526 assemblies are available with multiple fiber types, shell sizes, pin/socket configurations, ruggedization levels and custom options to suit your exact requirement.

Timbercon specializes in custom designed products for application specific requirements. Contact a Timbercon representative to find out more about how Timbercon can customize a MIL-DTL-83526 (TFOCA® II, III, IV) assembly for your application.

TFOCA II, III are registered marks of Amphenol Corporation. TFOCA - IV is a registered trademark of Amphenol Fiber Systems International.

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.

