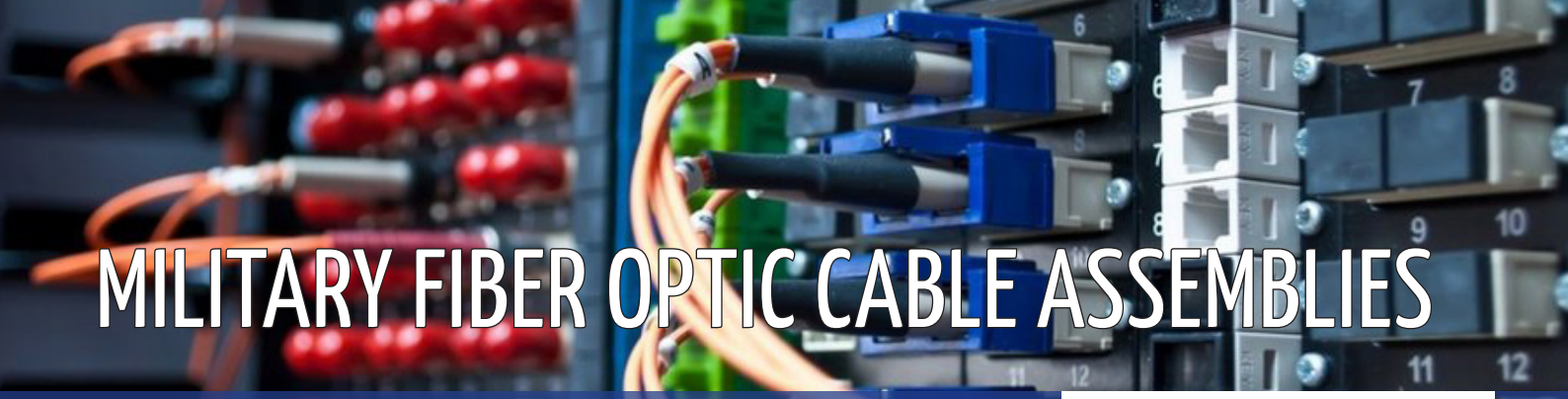

MILITARY FIBER OPTIC CABLE ASSEMBLIES

MILITARY M28876

CALL OR EMAIL FOR A QUOTE!

(800) 394-3008
sales@andcable.com

A'n D Cable Products is proud to supply U.S. made world-class harsh environment military fiber optic cable assemblies for our U.S. Armed Forces

Backed by a 100% guarantee to meet or exceed current military standards

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1460 Washington Blvd, A102
Concord, CA 94521

Celebrating 25+ years experience in the Manufacturing of Cable Management and Rack Management Products

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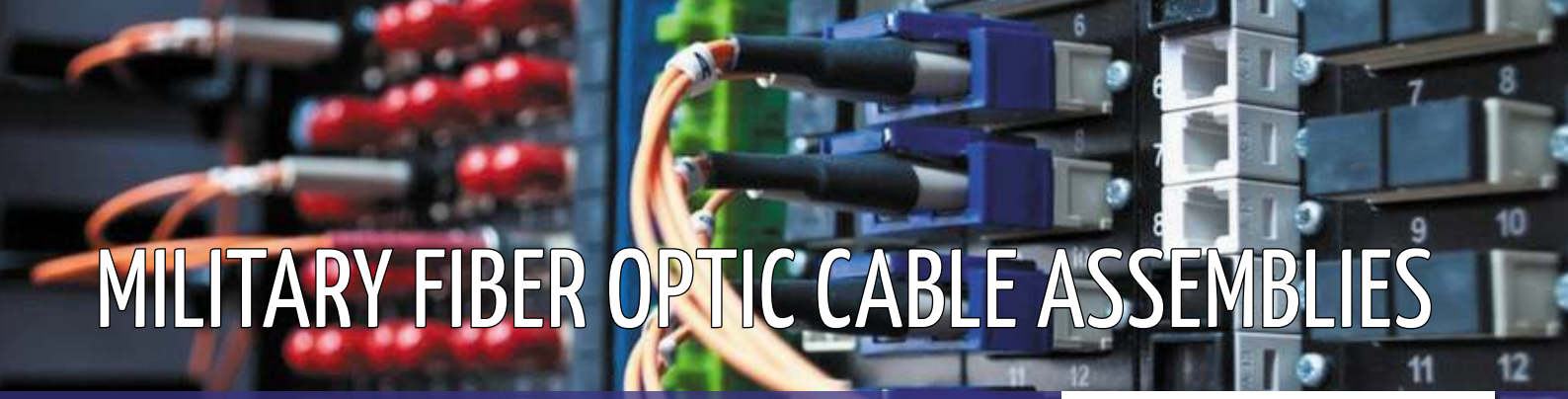
The use of fiber optics in shipboard and ship-to-shore data transmissions is growing rapidly, and the tight-tolerance MIL-PRF-28876 interconnect has become the universal standard for Navy shipboard applications.

Our military fiber cables are made with Amphenol connectors, backshells, termini (M29504) and accessories to deliver precise optical alignment, environmental protection and corrosion resistance for superior optical performance in harsh environment mission critical applications.

A'n D Cable Products offers a complete line of circular fiber optic connectors, from 4-channel to 31-channel using Plugs and Receptacles with all the accessory options currently available to support your unique application requirements.

Features:

- Precision-machined to MIL-PRF-28876, Rev. E specification
- Available in three shell sizes: 13 (4-channel), 15 (6, 8-channel), 23 (18, 31-channel)
- Six keying options, plus universal keying for Commercial-Off-The-Shelf (COTS) product, for both plugs and receptacles
- Inserts are interchangeable from plug to receptacle; either can be operated with pins or socket termini
- Fully intermateable with all qualified M28876 connectors
- Operates with all qualified single mode or multimode M29504/14 and /15 termini
- Complete line of Straight, 45 degree and 90 degree backshells for excellent strain relief
- Made in the USA



MILITARY FIBER OPTIC CABLE ASSEMBLIES

MILITARY D38999

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D38999 connectors feature a non-conductive insert, making this an excellent connector choice when optical fibers and electrical wires must be used in the same connector. The D38999 series offers a wide range of shell sizes, back-shells and insert patterns. Standard contacts and termini are available, making any design simple and cost-effective for military, aerospace and industrial applications.

D38999 assemblies, also referred to as M38999 or simply 38999, can be custom made using Multimode and Single mode fibers in the same connector. Given the unique properties of the D38999 connector, custom composite assemblies can also be made using fiber and copper in the same connector.

Our experienced staff can assist in making recommendations and design suggestions to further enhance the quality and reliability of a shell-to-shell connection. Simplex fiber, multi-strand fiber, hybrid and composite fiber options are ideal for the D38999 connector.

Features:

- Rugged, multi-channel D38999 Series III connectors available in 2, 4, 5, 8, 11, 16, 21, 29 and 37 channel configurations
- Hybrid (Multimode and Single mode) and Composite (Electro-optical) options
- Jam Nut, Wall Mount and Plug varieties available
- Incorporates proven M29504 termini
- Available in aluminum, stainless steel or composite materials
- MIL – STD – 2042B
- Made in the USA