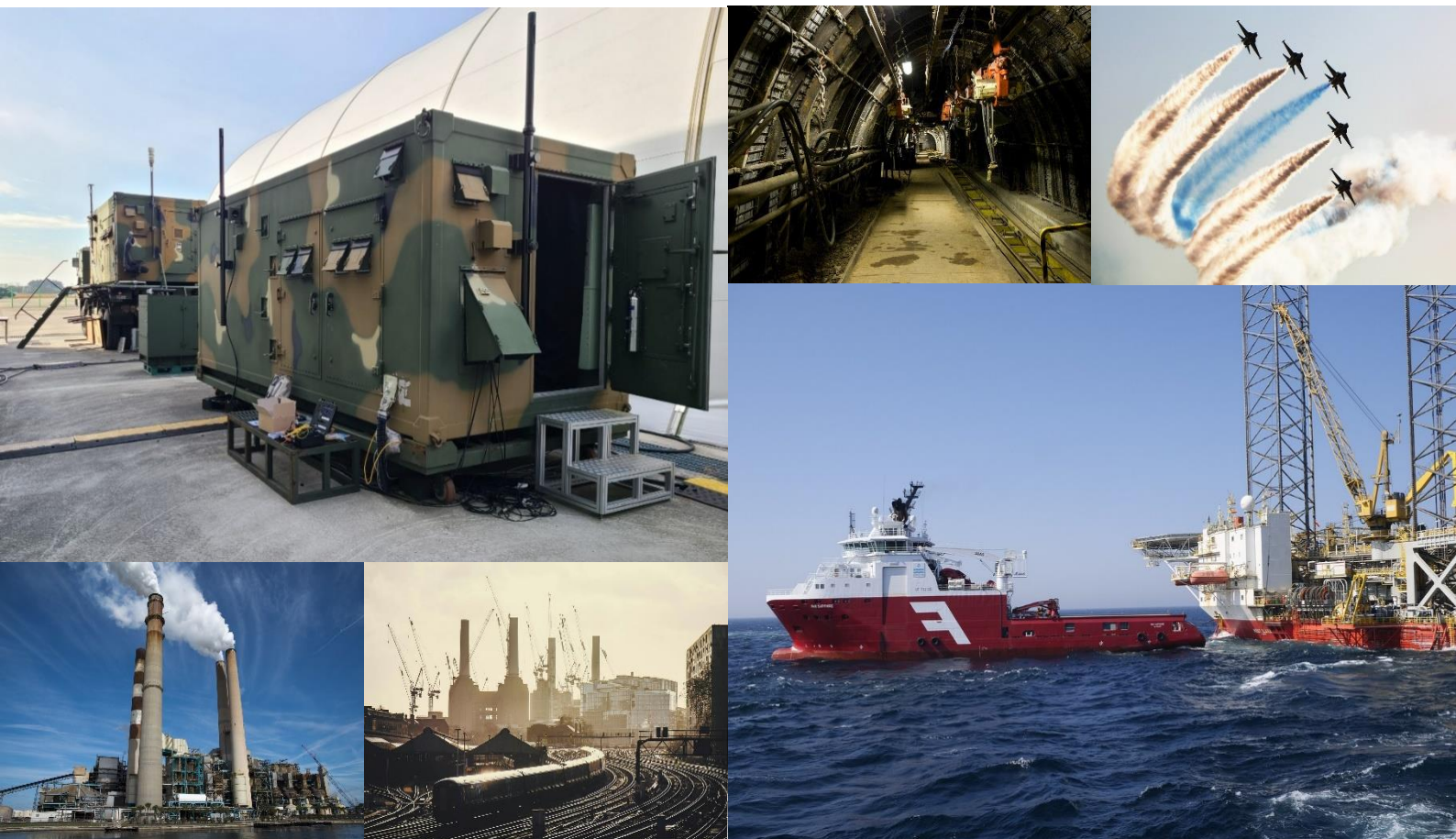




HARSH ENVIRONMENT FIBER OPTIC SOLUTION



FOBEX™ 83526



FOBEX 83526 connectors

ABOUT:

FOBEX™ 83526 is an Expanded Beam connector which is non-contact type optical connector. It is convenient for tactical operation and maintenance. It is usually used in outdoor circumstances such as Military, Ship, Offshore, Broadcast, Mining, Railway and Oil & Gas Plant industries. FOBEX™ have excellent waterproof, dustproof properties(IP68), durability for strong vibration and external impact. FOBEX™ 83526 has hermaphroditic structure. The Plug to Plug & Plug to Receptacle can be directly connected with each other without adaptors. It offers large number of mating cycles and superb performance.

FEATURES:

Size Mini: 2, 4 optical channel, 90degree backshell option
Size Junior: 2, 4, 8 optical channel, 90degree backshell option
Size Senior: 2, 4, 8 optical channel, Hybrid solution.
Size Maxi: 2, 4, 8, 12, 16, 24 channel, window type 2ch, 4ch

- Insertion Loss:

Single mode: 2-4ch Typical 1.0dB, Max 1.5dB
6-12ch Typical 1.0dB, Max 2.0dB
16-24ch Typical 1.0dB, Max 2.5dB
Multi mode: 2-4ch Typical 0.5dB, Max 1.0dB,
6-24ch Typical 0.5dB, Max 1.5dB

- Materials: Black anodized aluminum or stainless steel

FOBEX™ 38999



FOBEX 38999 connectors

ABOUT:

FOBEX™ 38999 connector type expanded beam connectors for harsh environment and it is usually used for the Military & Defense industry, Aerospace, and other rugged, high reliability applications. It is circular type connector and it has several guide key to avoid any telecommunication confusion, and also, security maintenance. The key cannot be connected with the other key since the grooves are totally different.

FOBEX™ 38999 have excellent waterproof, dustproof properties(IP67), durability for strong vibration and external impact. This product is the best and ideal solution for harsh environments applications wherein optical interferences can become contaminated potentially causing damages to telecommunication network system.

FEATURES:

Size 11shell: 2, 4 optical channel, 12ch MT38999
Size 13shell: 2, 4, 8 optical channel, 12ch MT38999
Size 15shell: 2, 4, 8 optical channel, Hybrid solution
Size 17shell: 2, 4, 8, 12, 16, 24 channel, Hybrid Solution, 36ch MT 38999
Option: EB-Pin & Socket type, 90degree back shell, Long & Short back shell

- Insertion Loss:

Single mode: 2-4ch Typical 1.0dB, Max 1.5dB
6-12ch Typical 1.0dB, Max 2.0dB
16-24ch Typical 1.0dB, Max 2.5dB
Multi mode: 2-4ch Typical 0.5dB, Max 1.0dB,
6-24ch Typical 0.5dB, Max 1.5dB

- Materials: Aluminum Olive drab cadmium, Aluminum electroless Nickel finish

FOBEX™ HYBRID SOLUTION



FOBEX 38999 Hybrid connector



FOBEX 83526 Hybrid connector

ABOUT:

FOBEX™ HYBRID SOLUTION is the best for the application where optical and electrical connection are required at the same time. Since those both signal can be provided, the device could be smaller and user can manage more spaces. It will separate the optical with power by using the insulator and enable safe and accurate communication. The connector is based on 83526 & 38999 specification and designed to withstand harsh environment circumstances such as Military, Ship, Offshore, Broadcast, Mining, Railway and Oil & Gas Plant industry.

FEATURES:

- FOBEX™ 83526

Size Senior: Optical 4ch + Electrical 4ch(20awg)

Optical 2ch + Signal 2ch (20awg) + Power 2ch (16awg)

- FOBEX™ 38999

Size 17shell: Optical 4ch + Electrical 2ch(14awg)

Size 25shell: Optical 4ch + Electrical 3ch(8awg)

FFOCA CONNECTOR



FOSTEC TFOSA connector Plug & D-hole

ABOUT:

FFOCA, Harsh environment fiber optic connector is complied with MIL-DTL-83526 Military specification. It is physical contact type connector and designed to use for military ground tactical applications such as Army, Navy and Military tactical communication system.

Additionally, it can be used for harsh environment outdoor circumstances in Railway, Mining, Event industry, Broadcast and Oil & Gas plant industries. It has hermaphroditic design and connectors can be mated each other without adapter. It provides great optical performances for both single mode and multi mode and 4ch optical connection can be available.

FEATURES:

- Hermaphroditic design enables plug to plug extensions

- Plug, D-Hole, Square flange connector option

- Compatible with the other brand D83526/16 & 17 standard connectors

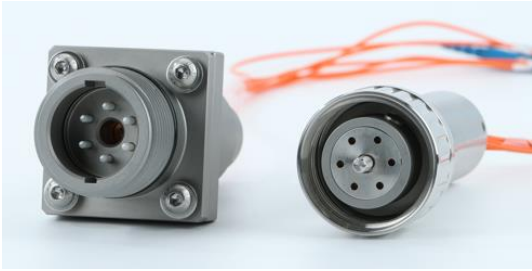
- IP68 proof level

- Insertion Loss:

Single mode: 2-4ch Typical 0.4dB, Max 0.75dB

Multi mode: 2-4ch Typical 0.3dB, Max 0.75dB

MARINE CONNECTOR



FOSTEC FMC connector

ABOUT:

FOSTEC Ship-to-shore connector FMC is a special type connector used to reliable and high-performance optical communication links between sea and onshore facilities. This connector is designed to withstand the harsh marine environment, including corrosive seawater, temperatures and other external impact, while ensuring integrity and efficiency of the optical signal transmission.

FEATURES:

- Multi mode only, superb optical performance(IL <2.0dB)
- Improved sealing techniques
- High bandwidth and data transfer rates
- Materials: Stainless steel



FOSTEC FSSC connector

ABOUT:

FOSTEC Sub-sea Connector FSSC is the fiber optic expanded beam connector designed for use in underwater application where reliability and durability are critical, such as submarine, exploration robot, underwater detector etc.

FEATURES:

- Multi mode Only, Superb optical performance(IL <2.5dB)
- Excellent performance in harsh marine environments
- 1~4 fiber option, Hybrid(Optical + Electrical) connection option.
- Robust and reliable and are rated for depths of up to 8,000meter
- Easy to assemble and maintenance.

ACCESSORIES

M29504 Termini



M29504/4 Pin Termini



M29504/5 Socket Termini

ABOUT:

FOSTEC Fiber Optic Pin Terminus(MIL-PRF-29504/4 & /5) is designed to connect into a pin/socket by physical contact. Fostec's unique alignment techniques maximize optical performance and provide reliability.

FEATURES:

- Compatible with other M29504/4 & /5 Pin, Socket termini
- Single mode & Multi mode

Cable Reel



ABOUT:

The cable reels are necessary for Long distance cable assemblies. It is specially designed for the fast and repeat distributing and retrieving under the harsh environment. It is compact, portable and easy to move other places with strong casters and frame.

FEATURES:

- Tactical Movement, Vehicle mounted/fixed for fast repeat operation
- Powerful braking force with a specially designed brake device
- Customized color and customized size
- Auto rewinding system option

Adapter Type



ABOUT:

FOSTEC Field splicer is best solution for Repairing and Maintain fiber optic Mil-spec cables. It is purposed to strongly protect the weak point where the cable have been fusion spliced with durable splicing tube.

FEATURES:

- Contact type to Expanded beam connector converting adapter
- LC or MPO to Beam adapter option
- Different size combination
- FOBEX™ 38999 type available.