

## LC Field

### Fiber Optic Connector



Transform your LC patch-cord into an environmental connector.

The patented RJStop® system allows use of a standard LC patch-cord in a metallic plug, which will protect it from shock, dust and fluids. There is no need for field termination.

This metallic plug connects to a receptacle, using a Tri Start Thread coupling mechanism (MIL-DTL-38999 Series III type) with anti-decoupling device for high vibrations.

#### Features:

- Sealed against fluids and dust
- Shock and Vibration Proof
- Number of Channels: 2
- Typical Insertion Loss: 0.5dB in SM & MM
- Durability: 500 mating cycles\*
- No cabling operation in field and no tools required for installation (Except 1.6mm and 2mm zipcord cable)

#### Benefits:

- Solid reliable connectivity through a wide range of harsh environmental conditions
- Compatible with all qualified MIL-DTL-38999, Series III connectors
- Fast termination and polish time
- Reliable, repeatable and durable connections
- Easy to clean

#### Applications:

- Railways
- Base Station
- Military Communication
- Naval Systems

**Amphenol Fiber Systems International, Inc.** | 1300 Central Expressway N, Suite 100 Allen, TX 75013  
Phone: (214) 547-2400 | Email: [sales@fibersystems.com](mailto:sales@fibersystems.com) | Website: [www.fibersystems.com](http://www.fibersystems.com)

Amphenol Fiber Systems International (AFSI), a division of Amphenol Military & Aerospace Operations (AMAO), is the largest manufacturer of harsh environment fiber optic cable assemblies & connectors in the world. Visit AMAO at [amphenolmao.com](http://amphenolmao.com).

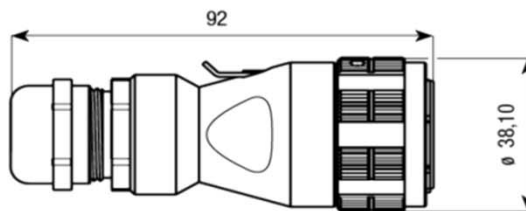
# LC Field

## Fiber Optic Connector

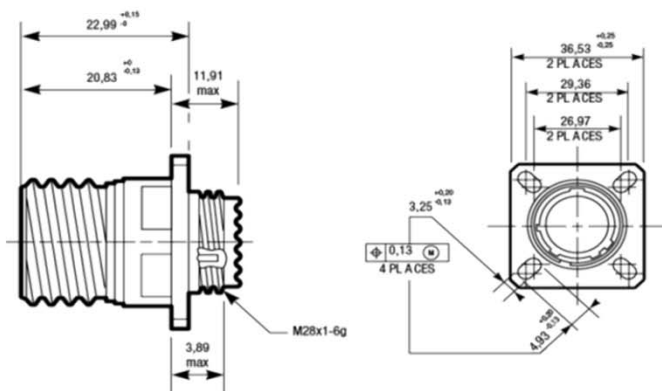
# Amphenol FSI

Line drawings (Dimensions in mm)

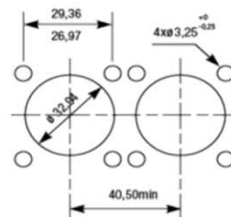
- Plug (MIL DTL 38 999 series III Size 19)



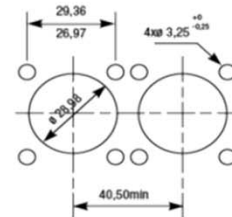
- Square Flange Receptacle (MIL DTL 38 999 series III Size 19)



Square flange receptacle rear panel mounting

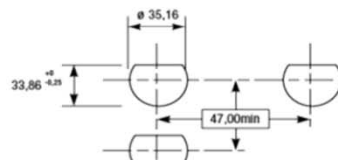
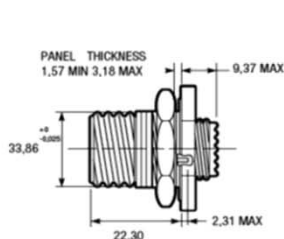


Square flange receptacle front panel mounting



Panel Drilling

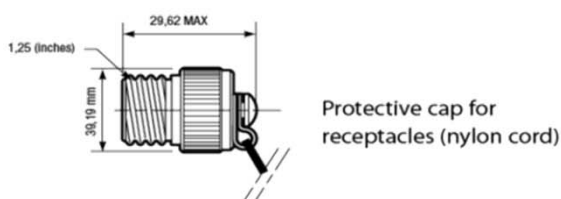
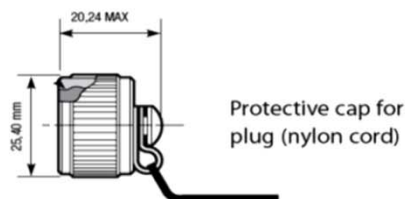
- Jam Nut Receptacle (MIL DTL 38 999 series III Size 19)



Jam nut receptacle rear panel mounting

Panel Drilling

### Protective caps



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## Fiber Optic Connector

### PART NUMBER CONFIGURATIONS

Serie Optical connector type	LCFTV	6M	D	G	N
Shell Type 6M: Plug with metal backshell and metal PG clamp 2: Square flange receptacle without backshell 7: Jam nut receptacle without backshell					
Cable Type Only for plug D: Flat duplex cable 1,6 mm E: Duplex zipcord 1,6 mm F: Flat duplex cable 2 mm G: Duplex zipcord 2 mm H: Flat duplex cable 2,8 mm I: Duplex zipcord 2,8 mm T: Flat duplex cable + Duplex zipcord for 1,6 mm - 2 mm - 2,8 mm Only for receptacle (no backshell available for receptacle) 0: Receptacle without backshell					
Shell Finish N: Nickel plated G: Olive drab cadmium plated B: Bronze D: Black zinc cobalt Z: Olive drab zinc cobalt					
Polarization N: Normal A / B / C / D / E					

Cap Series	B	EC	N	TV	W	19
Protective cap type EC: For square flange receptacle ER: For jam nut receptacle F: For plug						
Wire type N: Nylon cord Blank: Metallic chain						
TV: Series						
Shell finish B: Bronze F: Electroless nickel plated, aluminium version W: Olive drab cadmium plated, aluminium version D: Black zinc cobalt Z: Olive drab zinc cobalt						
Corresponding connector shell size: 19						

**Requested information to order LC Field Patchcord**

Type of connector: Male /Female  
 Type of fiber: 50/125, 62,5/125, 9/125  
 Patchcord length: ex 10.5m  
 Drawing: description of the product

Contact us for other configuration

**Tools informations:**

**Mounting Tools:**  
 LCFTV MO TOOL: LC FIELD Mounting tools

**Dismounting Tools:**  
 LCFTV DM TOOL: LC FIELD Dismounting tools  
 (To dismount the LC you need to use both dismounting and mounting tools)

# LC Field

## *Fiber Optic Connector*

# Amphenol FSI



### **How to Order:**

For more information on how to order or to obtain a price quote on any of our LC Field products, please call us at 800-472-4225. For international calls please dial 214-547-2400 or e-mail us at [info@fibersystems.com](mailto:info@fibersystems.com).

### **About Amphenol Fiber Systems International:**

Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas, mining and broadcast applications. After more than two decades in business, AFSI continues to uphold its position as a global leader in fiber optic interconnect components and systems such as termini, M28876, MIL-ST, TFOCA and the TFOCA-II® connector, which AFSI developed and patented.

AFSI has delivered millions of fiber optic connectors in more than 34 countries. Whenever there is a need for superior, cost-effective fiber optic systems and products that will stand up to demanding operating environments, you can rely on AFSI for engineering know-how, top-quality products and expert technical support.

Visit [www.fibersystems.com](http://www.fibersystems.com) for more information.

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