

LC Field

Fiber Optic Connectors

AmphenolFSI



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)

Applications:

- Railways
- Base Station
- Military Communication
- Naval Systems

Benefits:

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

Amphenol Fiber Systems International, Inc.

859 State Highway 121, Suite #2000 Allen, TX 75013 | (214) 547-2400 | sales@fibersystems.com | 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

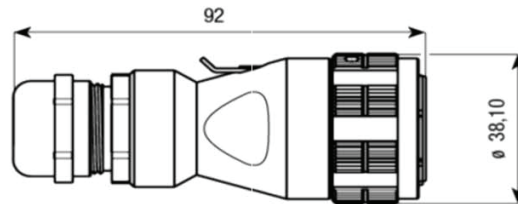
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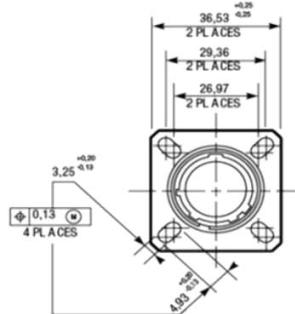
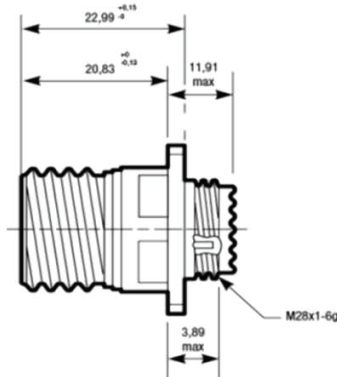
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LC Field Product Drawings:

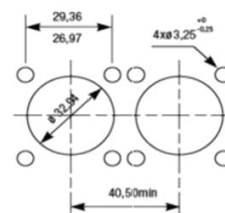
■ Plug (MIL DTL 38 999 series III Size 19)



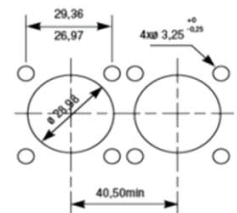
■ Square Flange Receptacle (MIL DTL 38 999 series III Size 19)



Square flange receptacle rear panel mounting

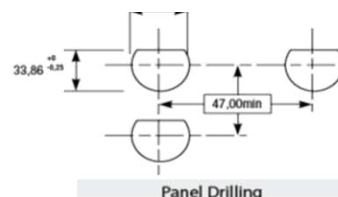
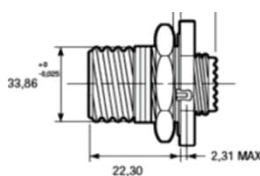


Square flange receptacle front panel mounting



Panel Drilling

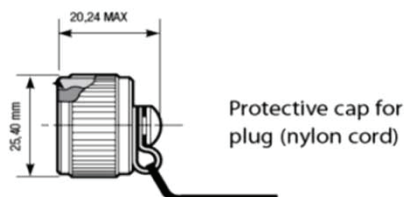
■ Jam Nut Receptacle (MIL DTL 38 999 series III Size 19)



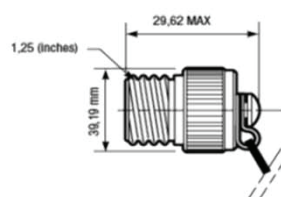
Jam nut receptacle rear panel mounting

Panel Drilling

Protective caps



Protective cap for plug (nylon cord)



Protective cap for receptacles (nylon cord)

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Part Numbering Schemes

Serie	LCF TV	6M	D	G	N
Optical connector type					
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)

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