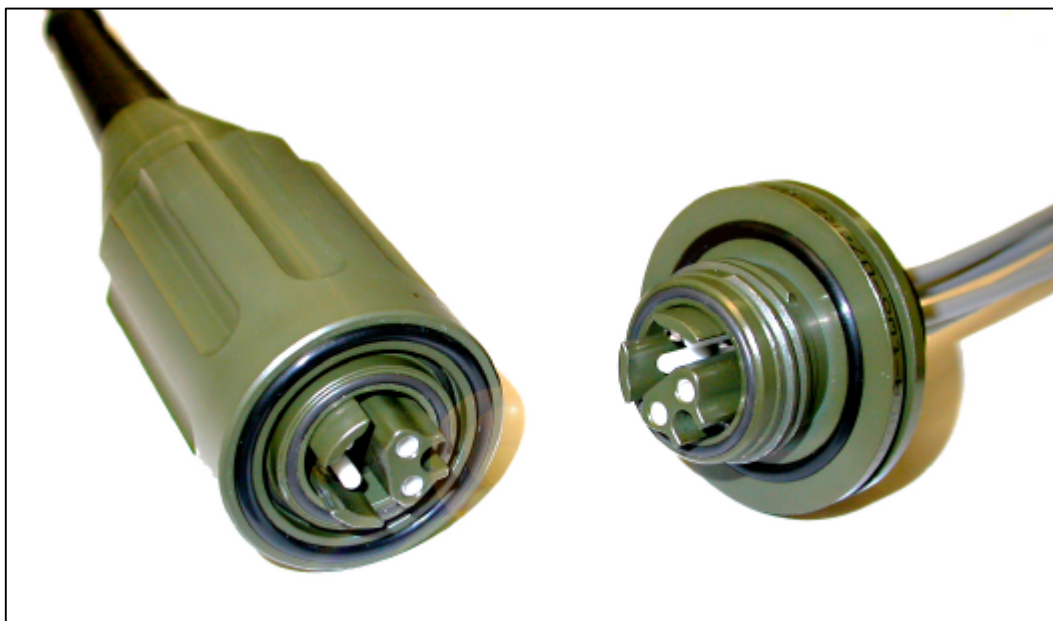


Amphenol

TFOCA*two*



TFOCA*two* Four Way Fibre Optic Connector

The TFOCA*two* connector is based on proven Amphenol fibre optic interconnect technology utilised throughout the world, with the TFOCA*two* incorporating proven interoperability with legacy tactical operational centre fielded equipment.

This Series has been designed using Amphenol Ltd sealed floating ceramic ferrule system, and one-piece monobloc construction. This proven construction aids cleaning in-field repair and offers superior optical performance and stability.

TFOCA*two* is fully intermateable and inter-mountable with the USA TFOCA-II™ series. It has a custom designed monobloc that is easily removable with a dime, to allow optical terminal, plug body and internal coupling ring cleaning.

Features

- Plug and jam nut receptacle, multimode connector styles
- Hermaphroditic design to enable daisy chaining of cables
- Aluminium alloy in zinc cobalt olive drab plated finish
- Dime coin/screwdriver fit nut – turn once to easily remove monobloc for easy cleaning
- Moulded rubber boot for strain relief of cable
- Arctic grip coupling nut
- Cadmium plated/anodise finishes available on request

™Trademark FSI

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Website @
www.amphenol.co.uk

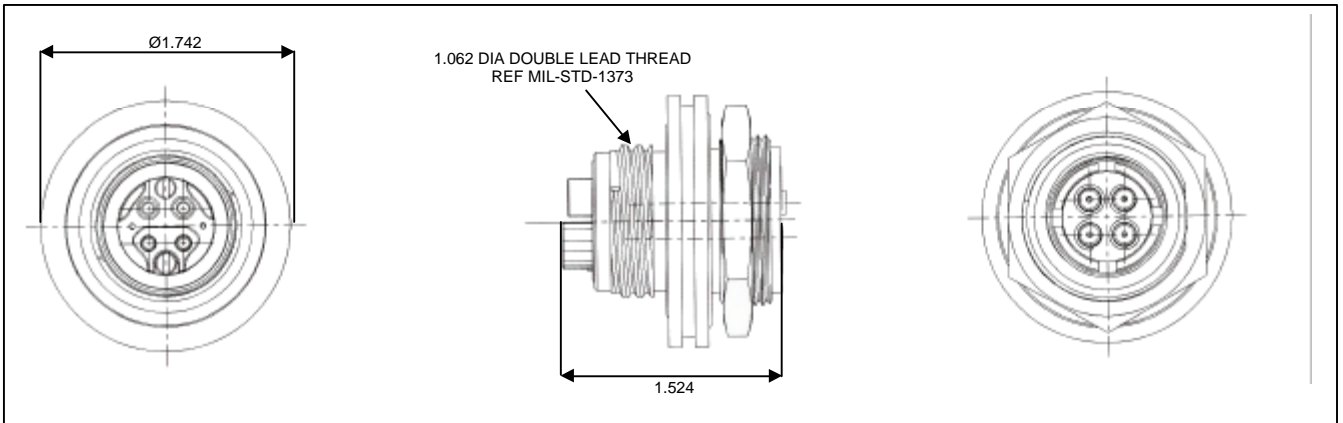
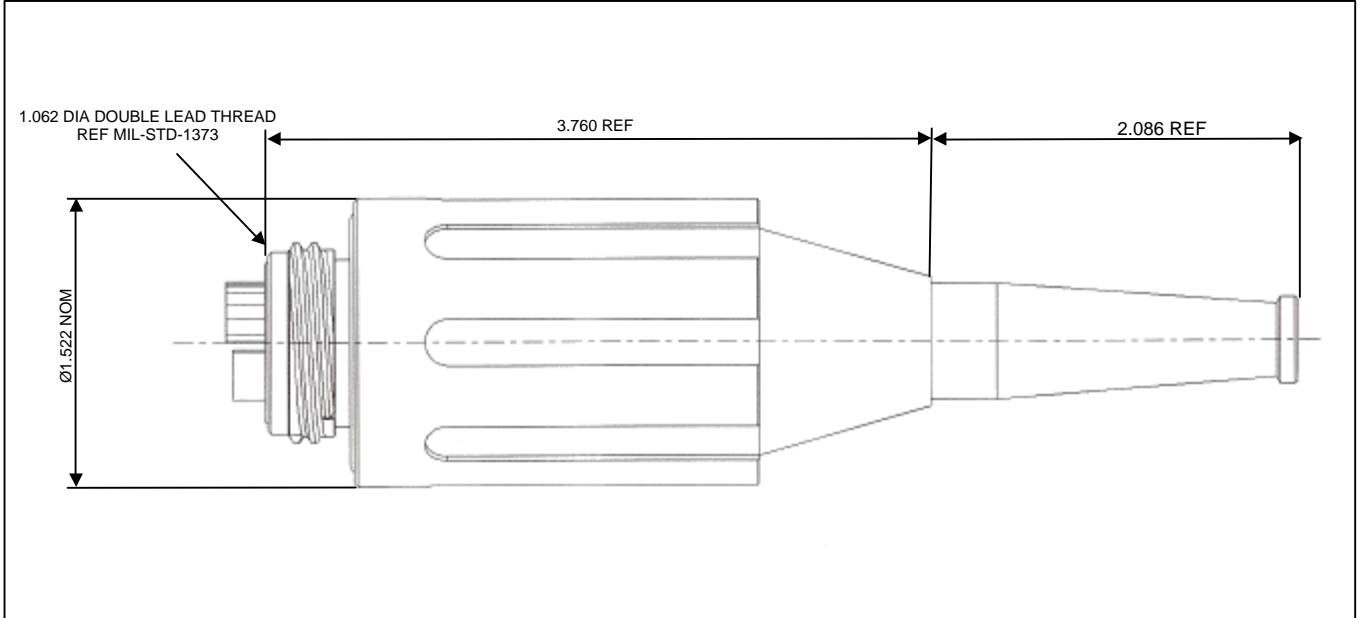
Performance

Optical	
Attenuation	< 0.30 dB > 0.50 dB
Fibre Types	9/125um 50/125um 62.5/125um
Cable Types	5.5mm OD Tactical Four Core Multimode – 035 5.5mm OD Tactical Four Core Singlemode – 028 3mm OD Ruggedised Simplex Multimode – 011 3mm OD Ruggedised Simplex Singlemode - 006

Environmental	
Temperature range	-55°C to +85°C

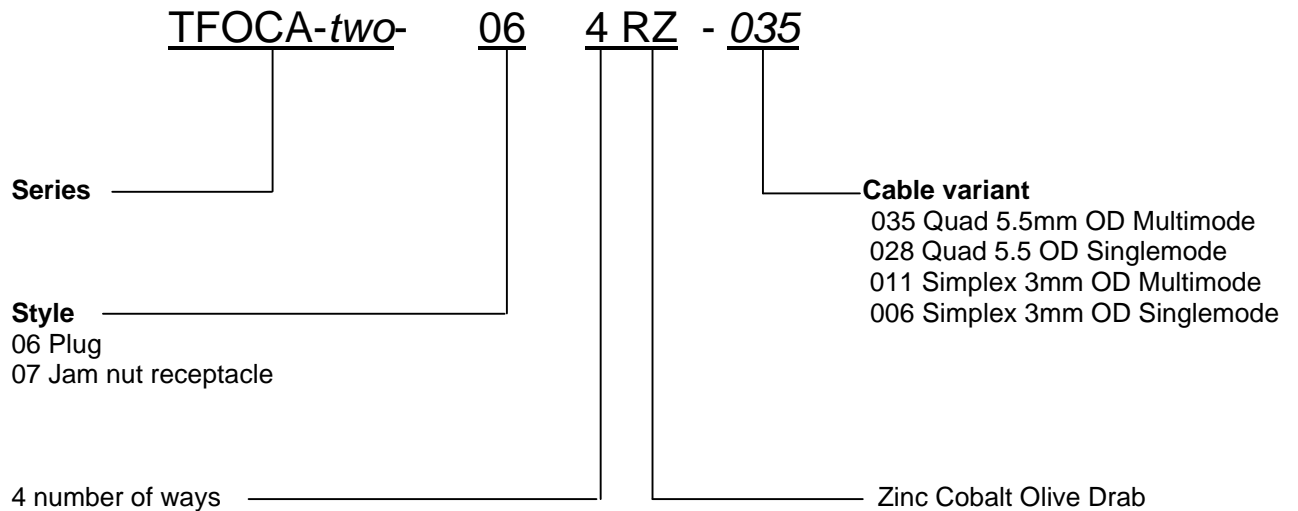
Mechanical	
Durability	>2000 matings
Materials	Aluminium Alloy in Zinc Cobalt Olive Drab
Seals	Silicone
Tensile Load	1780N
Water Pressure	1.5M Immersion, 1 hour MIL-C-83526/12/13

Characteristics



Dimensions are in inches and apply before plating

Part Numbering



Dust Caps

All Dust Caps are Aluminium and have a Stainless Steel Cord in a Nylon Coating.

Zinc Cobalt Olive Drab plated

960-997-04 = Plug Cap

960-998-04 = Receptacle Cap.

All Dust Caps are sold separately from the TFOCAtwo connectors

Please contact the Amphenol Ltd factory for accessories, deployable cable drums and quotations

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