



MIL-DTL-26482 Type Reverse Bayonet Coupling (Series IPT) with Single RJ45 Connector

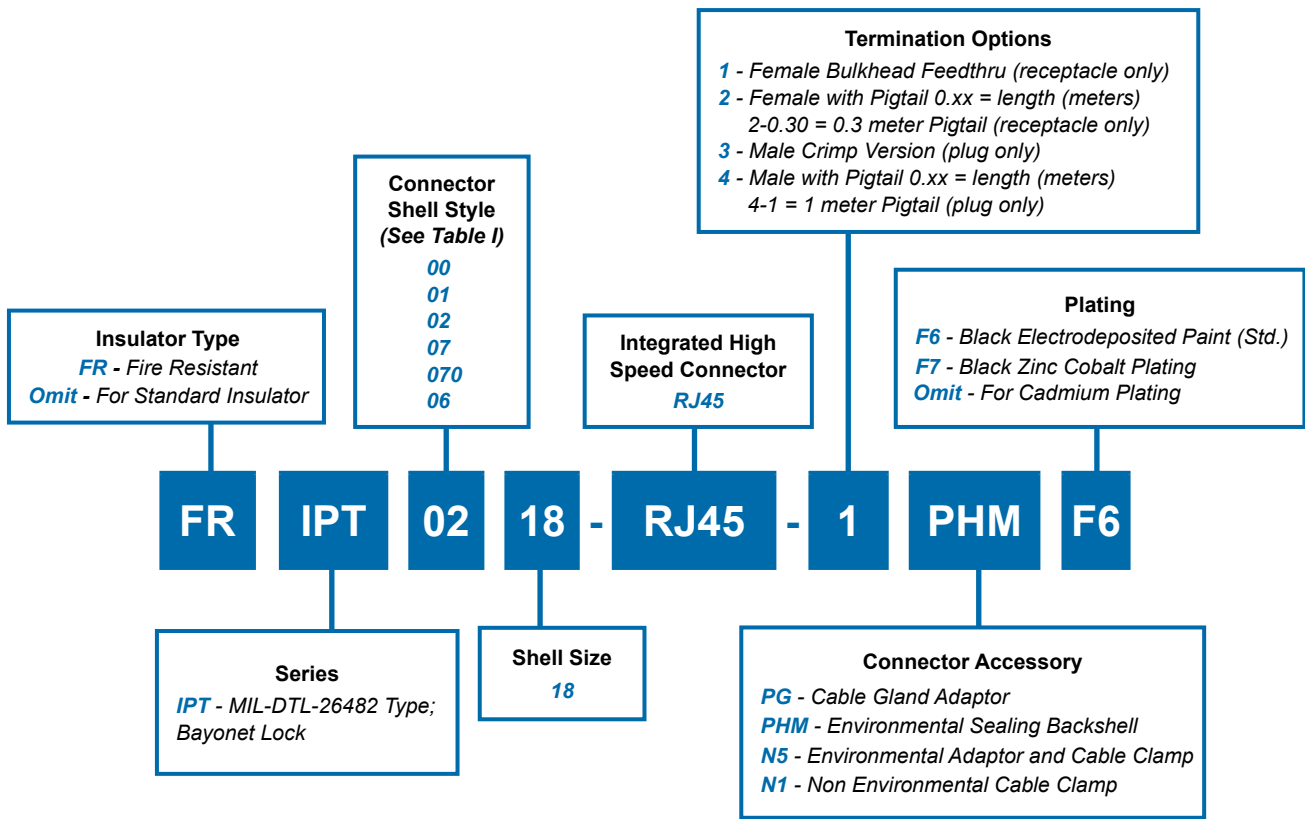


Figure 1
Receptacle (Front)



Figure 2
Receptacle (Rear)

MIL-DTL-26482 Type Reverse Bayonet Coupling (Series IPT) with Single RJ45 Connector



High-Speed
Connectors

TABLE I

Connector Shell Detailed Description

**00 - Front Panel Mount
Square Flange Receptacle
with Accessory Threads**

**01 - In Line Cylindrical
Receptacle with Accessory
Threads**

**02 - Front Panel Mount
Square Flange Receptacle;
No Accessory Threads**

**07 - Rear Panel Mount
Jam Nut Receptacle; No
Accessory Threads**

**070 - Rear Panel Mount
Jam Nut Receptacle with
Accessory Threads**

**06 - Straight Cylindrical
Plug Connector with
Accessory Threads**

Commercial-grade RJ45 connectors are intended for use in clean, dry environments. Exposure to dirt and moisture can lead to damage or failure. Glenair's sealed RJ45 connectors provide a high level of protection for the most hostile environments. Standard RJ45 jacks are housed in rugged, waterproof IPT Series bayonet connectors. Connectors feature resilient nitrile inserts and electrodeposited corrosion-resistant black paint or black zinc cobalt plating. Cadmium plating is also available. A typical IPT RJ45 application consists of a through bulkhead female receptacle (*Figure 1 and 2*) and a male plug crimp RJ45 (*Figure 3*).

TECHNICAL CHARACTERISTICS

Category	Cat. 6 (Cat 5E available upon request)
Connection	10BaseT, 100BaseTx, 1000BaseT
Working Voltage	30/42 Volts AC RMS/VDC
Max Current Rating	1.5 Amps at 20° C
Max Contact Resistance	20 mΩ
Min. Insulation Resistance	1.000 mΩ at 500 Volts DC
Dielectric Withstanding Voltage	1000 Volts
Working Temperature	-40° to +68° C
Environmental Rating	IP67 (mated)

Connectors



Figure 3
Plug (Front)

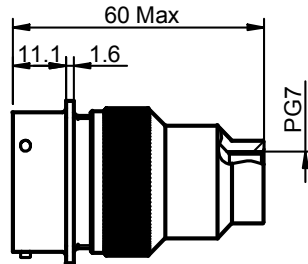
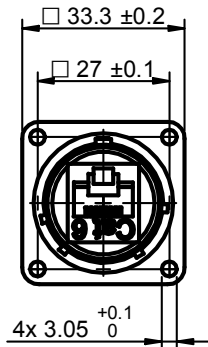


Figure 4
RJ45 Interconnection Sequence

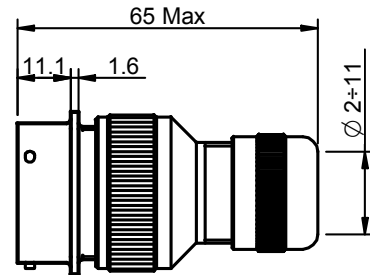
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CONFIGURATIONS AVAILABLE : IPT 00

Front View

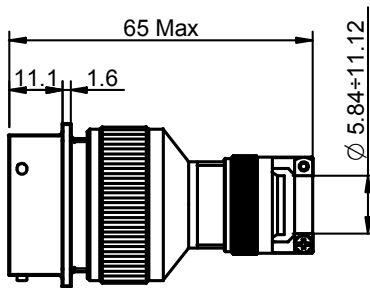
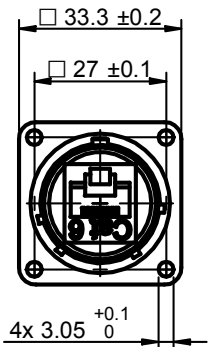


FRIPT0018-RJ45-1PGF6

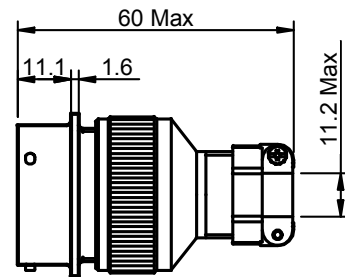


FRIPT0018-RJ45-1PHMF6

Front View



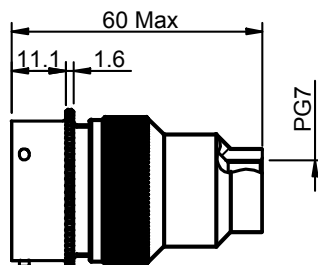
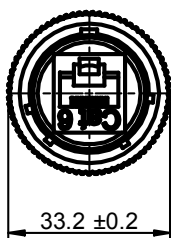
FRIPT0018-RJ45-1N5F6



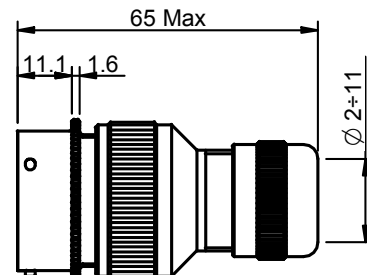
FRIPT0018-RJ45-1N1F6

CONFIGURATIONS AVAILABLE : IPT 01

Front View



FRIPT0118-RJ45-1PGF6



FRIPT0118-RJ45-1PHMF6

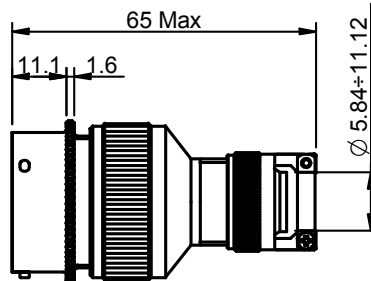
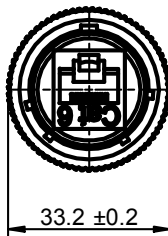
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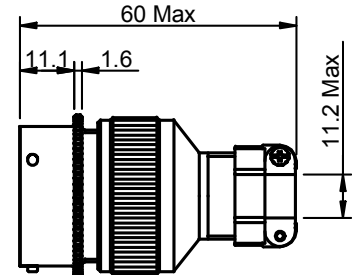
High-Speed
Connectors

CONFIGURATIONS AVAILABLE : IPT 01

Front View



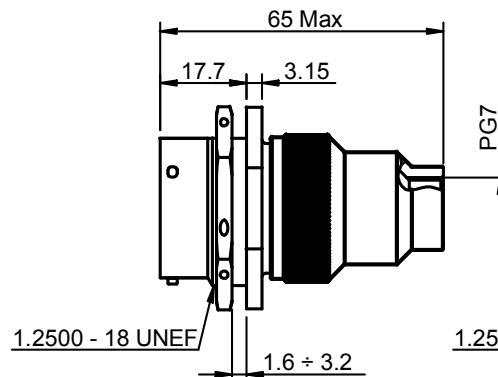
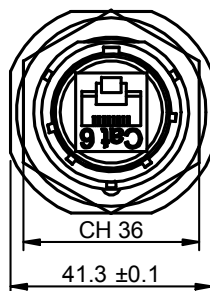
FRIPT0118-RJ45-1N5F6



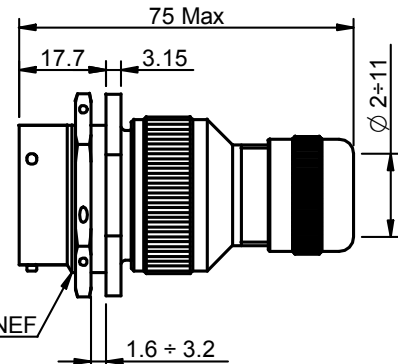
FRIPT0118-RJ45-1N1F6

CONFIGURATIONS AVAILABLE : IPT 070

Front View

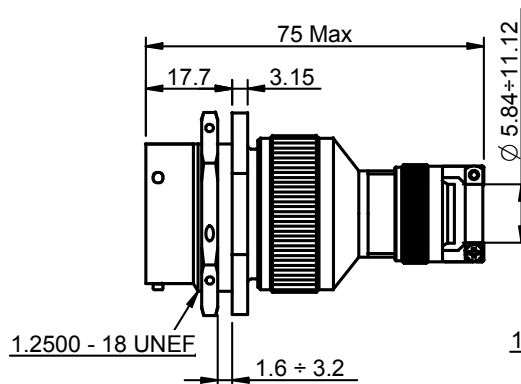
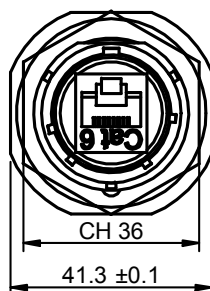


FRIPT07018-RJ45-1PGF6

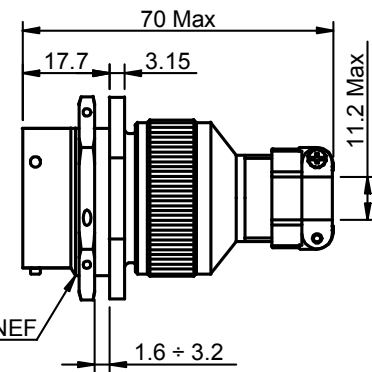


FRIPT07018-RJ45-1PHMF6

Front View



FRIPT07018-RJ45-1N5F6



FRIPT07018-RJ45-1N1F6

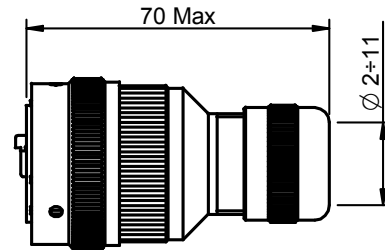
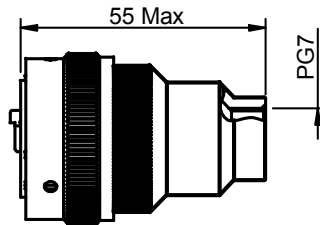
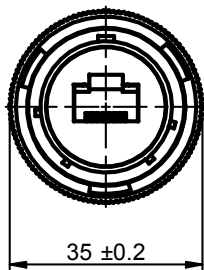
Connectors



MIL-DTL-26482 Type Reverse Bayonet Coupling (Series IPT) with Single RJ45 Connector

CONFIGURATIONS AVAILABLE : IPT 06

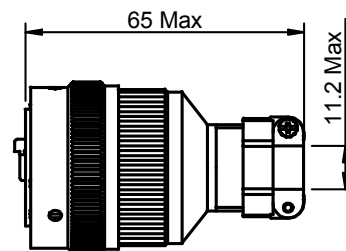
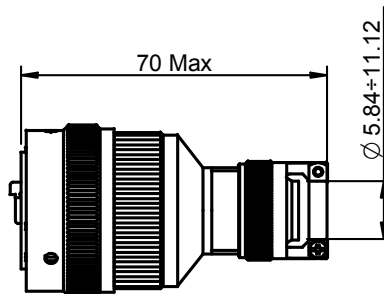
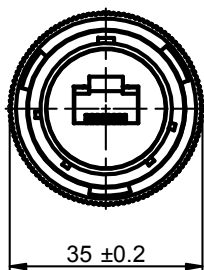
Front View



FRIPT0618-RJ45-3PGF6

FRIPT0618-RJ45-3PHMF6

Front View



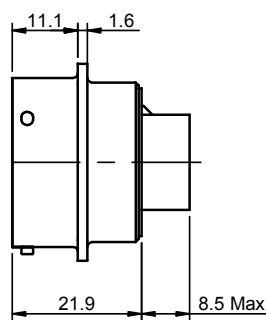
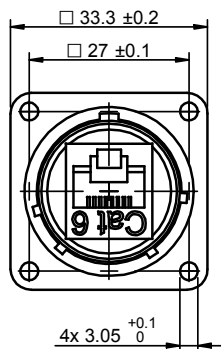
FRIPT0618-RJ45-3N5F6

FRIPT0618-RJ45-3N1F6

CONFIGURATIONS AVAILABLE : IPT 02 and IPT 07

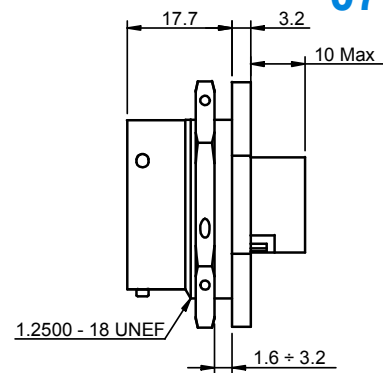
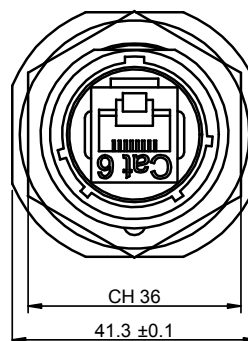
02

Front View



FRIPT0218-RJ45-1F6

Front View



FRIPT0718-RJ45-1F6

07

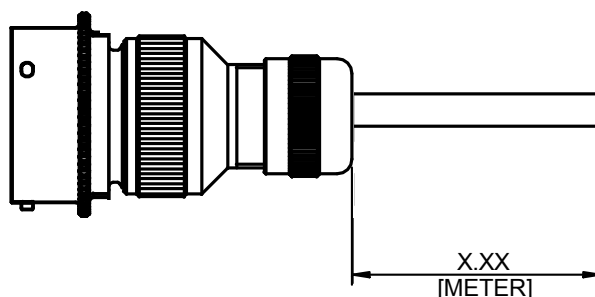
MIL-DTL-26482 Type Reverse Bayonet Coupling (Series IPT) with Single RJ45 Connector



High-Speed
Connectors

PIGTAIL GENERAL SKETCHES AND CONFIGURATIONS AVAILABLE

Female with Pigtail for Configuration : 00 - 01 - 030 - 070



EXAMPLE : **FRIPT0018-RJ45-21.5PHMF6** → 1.5 mt Pigtail

Female with Pigtail for Configuration : 00

FRIPT0018-RJ45-2X.xxN1F6

FRIPT0018-RJ45-2X.xxN5F6

FRIPT0018-RJ45- 2X.xxPHMF6

FRIPT0018-RJ45-2X.xxPGF6

Female with Pigtail for Configuration : 030

FRIPT03018-RJ45-2X.xxN1F6

FRIPT03018-RJ45-2X.xxN5F6

FRIPT3018-RJ45-2X.xxPHMF6

FRIPT03018-RJ45-2X.xxPGF6

Female with Pigtail for Configuration : 01

FRIPT0118-RJ45-2X.xxN1F6

FRIPT0118-RJ45-2X.xxN5F6

FRIPT0118-RJ45-2X.xxPHMF6

FRIPT0118-RJ45-2X.xxPGF6

Female with Pigtail for Configuration : 070

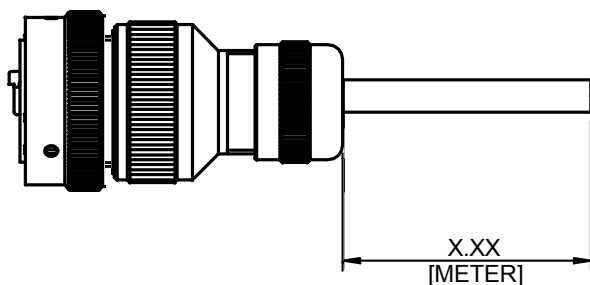
FRIPT07018-RJ45-2X.xxN1F6

FRIPT07018-RJ45-2X.xxN5F6

FRIPT07018-RJ45-2X.xxPHMF6

FRIPT07018-RJ45-2X.xxPGF6

Male with Pigtail for Configuration : 06



Female with Pigtail for Configuration : 06

FRIPT0618-RJ45-4X.xxN1F6

FRIPT0618-RJ45-4X.xxN5F6

FRIPT0618-RJ45-4X.xxPHMF6

FRIPT0618-RJ45-4X.xxPGF6

EXAMPLE : **FRIPT0618-RJ45-41.5PHMF6** → 1.5 mt Pigtail