



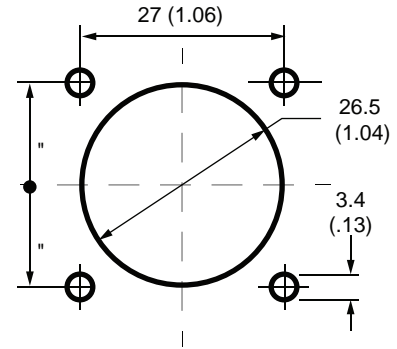
REVERSE-BAYONET Super ITS - RJ45 SuperSeal™ Ruggedized Cat 5e Ethernet Connectors



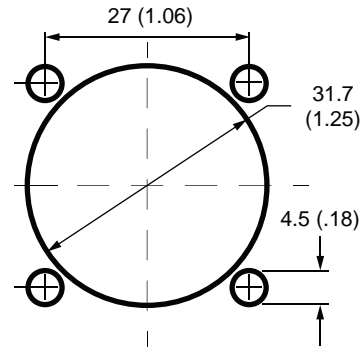
Performance Specifications and Panel Cutouts

SUPER ITS: RUGGEDIZED RJ45 ETHERNET AND USB

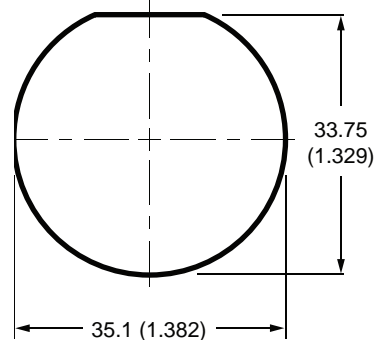
GLENAIR SUPER ITS RJ45 PANEL CUTOUTS FOR SHELL SIZE 18



SQUARE FLANGE
FRONT PANEL MOUNTING



SQUARE FLANGE
REAR PANEL MOUNTING



JAM NUT MOUNT

Super ITS - RJ45 CAT 5e Specifications	
Material and Finish	
Shell/Coupling and Plating	See Material and Finish table below
Contacts	PC tails, solder cup, and crimp contacts: copper alloy, gold plated
RJ45 Coupler Housing	UL94V-0 Compliant ABS or PPS
Grommet, Peripheral Seal, Interfacial Seal, O-ring	Blended fluorosilicone/silicone elastomer, 30% silicone per ZZ-R-765, 70% fluorosilicone per MIL-R-25988
Shell Sizes	17 and 19
Shielding Sleeve	Material: Copper alloy Finish: Nickel
Electrical Specifications	
Data Rate	CAT 5e = 10BASE-T, 100BASE-TX, and 1000BASE-T/1000BASE-TX ¹
Current Rating	Cat 5e, 1.5 Amps
D.W.V.	1000 VDC (700 VAC)
I.R.	500 Mega ohms @ 500 VDC
Frequency	100 MHz, Cat 5e
Wiring	Straight through, Cat 5e
Cabling Length	Up to 100 meters or 100 meters max.
Shield Continuity	Continuous through coupler or continuous coupler to shell
Environmental/Mechanical Performance	
Sealing	IP68 mated condition, IP67 unmated condition
Outgassing	Mod Code 186S meets outgassing requirements per ASTM E 595 and meets NASA level 3 screening for standard reliability Mod Code 928 meets outgassing requirements per UL 94 V-0
Operating Temperature	-40°C to +120°C
Backshell Interface	MIL-DTL-38999, Designator H
Mating System	Triple-start stub ACME
Mating Cycles	500
Vibration	15G sine 10Hz - 2000Hz
Shock	50G - 11ms

Glenair Super ITS Material and Finish Codes						
Code	Material	Finish	Salt Spray	Electrical Conductivity	Operating Temperature	RoHS
F6	Aluminum	Black Epoxy Paint	500 hrs	No	-55° to +125°C	☑
F7	Aluminum	Black Zinc Nickel	500 hrs	Yes	-55° to +125°C	☑
F11	Aluminum	Electroless Nickel	48 hrs	Yes	-55° to +125°C	☑
G3	Aluminum	Cadmium, Olive Drab	500 hrs	Yes	-55° to +125°C	☒