

**Specifications**

**Data Transmission:**

10Base-T, 100Base-TX and 1000Base-T networks  
 Category 5e per TIA/EIA 568B and ClassD per ISO/  
 IEC 11801

**Mechanical:**

Quick push/pull coupling  
 RJ-45 cordset retention in the plug: 100N in the axis  
 Mating cycles: 500 min

**Environmental Protection:**

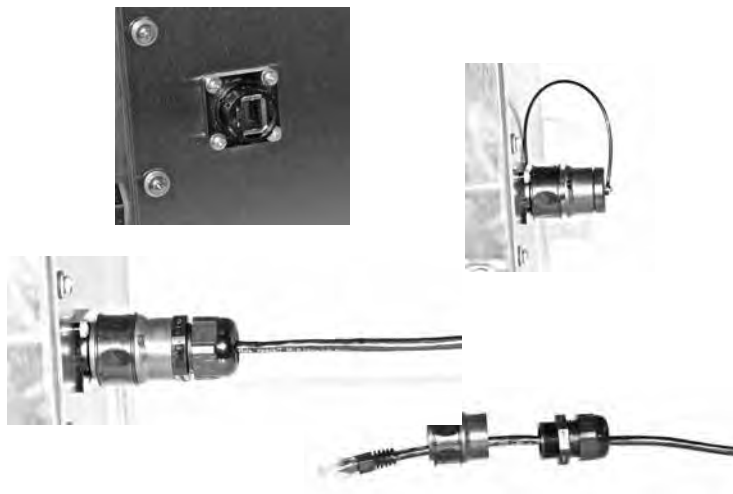
Sealing: IP67  
 Salt spray > 1000h  
 Fire retardant/low smoke: UL94 V0 and NFF 16 16102,  
 DIN 5510-2  
 Vibrations: 10-500 Hz, 10 g, 3 axes: No discontinuity  
 > 10 nanos  
 Thermal shock: 5 cycles at -40° C / +100° C

**Operating Temperature:**

-40° F to 185° F (-40° C to 85° C)

**Applications:**

Telecom equipment, video control, robotics,  
 industrial process control, CNC machines, motion  
 control, tele-maintenance



**Standard Features**

- Allows an Ethernet Class D/Category 5e connection for 10Base-T, 100Base-TX, or 1000Base-T networks in harsh environments
- Sealed against fluids and dusts (IP67)
- Shock, vibration and traction resistant
- No cabling operation in the field
- No tools required
- Improved EMI protection
- Uses a standard RJ-45 cordset in protective composite plug to protect from shocks, dust and fluids
- In-field cabling and grounding not necessary

**Part Number/Price**

Part #	Description	Price
87326	RJF 544 kit	\$155.00
87285	Square flange female connector	\$35.00
87286	Dust cap for harsh environment receptacles	\$35.00
87287	Gasket for harsh environment receptacles	\$5.00
87288	Ethernet plug	\$35.00
87289	Dust cap for harsh environment plugs	\$35.00