

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:

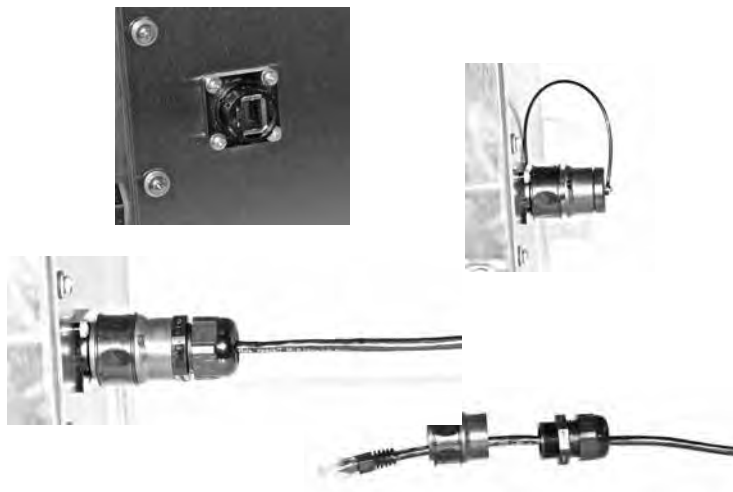
Sealing: IP67
 Salt Spray > 1000h
 Fire retardant/low smoke: UL94 V0 and NFF 16
 16102, DIN 5510-2
 Vibrations: 10-500 Hz, 10g, 3 axes:
 no discontinuity > 10 nanos
 Thermal Shock: 5 cycles at -40° C / +100° C

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