ROHS

RJF EZ

Ethernet Connection System for Harsh Environment – Industrial Ethernet



RJFEZ allows you to use an Ethernet Class D / Cat. 5e connection for 10 BaseT,100 BaseTX or 1000 BaseT networks in harsh environments. With the patented RJStop® system you can use a standard RJ45 cordset in a protective composite plug which will protect it from shocks, dust and fluids. N h d El h d grounding!

MAIN CHARACTERISTICS

- Sealed against fluids and dust (IP68)
- Shock, Vibration and Traction resistant
- No cabling operation in field and no tools required
- Quick lever coupling
- RJ45 cordset retention in the plug: 70 N in the axis
- Mating cycles: 500 min
- Compatible with cable diameter from 5,5 mm [0.216 in] to 7 mm [0.275 in]

Applications

- Telecom Equipment
- Video Control
- Robotics
- Industrial Process Control
- CNC Machines
- Special Machines
- Motion Control
- Tele-maintenance

Environmental Protection

- Sealing: IP68
- Salt Spray > 1000 h
- Fire Retardant / Low Smoke: UL94 V0 and NFF 16102, DIN 5510-2
- Thermal Shock: 5 cycles at 40°C / +100°C
- Operating Temperature: 40°C / +85°C

Data Transmission

10 BaseT, 100 BaseTX and 1000 BaseT networks Cat 5e per TIA/EIA 568B and ClassD per ISO/IEC 11801

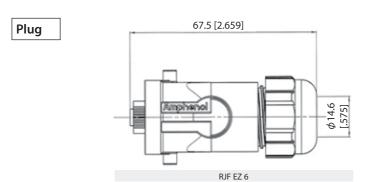
Part Number Code

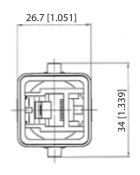
RJF EZ RJField EZ - Lever Shell Type Composite Lever Plug, Plastic Gland Composite Square Flange Receptacle **Back Terminations** (For Receptacles only) 1: Female RJ45 RJ45 Cordset Cordset Length (For Receptacles with "2" Back Termination only) **TX:** 0.3m [11.81 inches] 6 **B** TX: 0.5m [19.68 inches] **TX:** 1m [39.37 inches] 0 8 5 8 TX: 1.5m [59.05 inches]

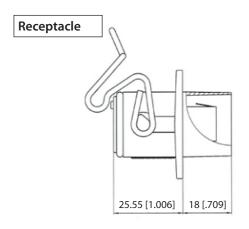
Remark: Cabling configuration: 100 BTX = 568B (Ethernet specification)

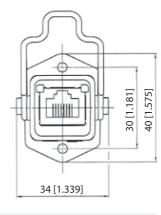
Examples:

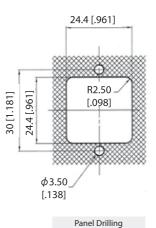
- Plug: RJF EZ 6
- Receptacle, Female RJ45 Back termination: RJF EZ 21
- Receptacle, 1,5m [59.05"] 100 BTX cordset termination: RJF EZ 22 15 100BTX





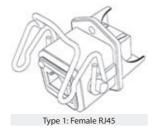


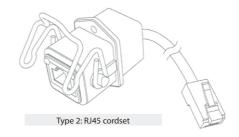




RJF EZ 2

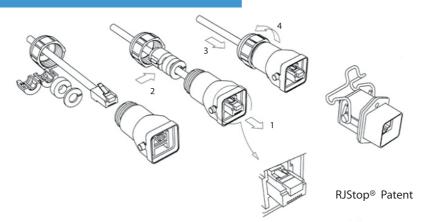
Back Terminations





Type 2 without RJ45 plug at the end of the cable is also available: consult factory

Assembly Instructions



Accessories

Dust Caps For Plugs: Not available For Receptacles: RJF EZ BE



Panel Gasket Thickness: 1 mm [.039] Part No. RJF EZ JE

