RJF TV
For big insulation wire up to 1.6 mm

Special RJF TV plug dedicated to Ethernet cable with insulation wire from 1,1 to 1,6 mm.

Remark:
- compatible with any RJF TV receptacle
- for cables which are not compatible with standard RJ45 plug

Applications
- Robotics
- Industrial process control
- CNC machines
- Special machines
- Oil & Gas
- Motion control
- Data acquisition and transmission in harsh environment
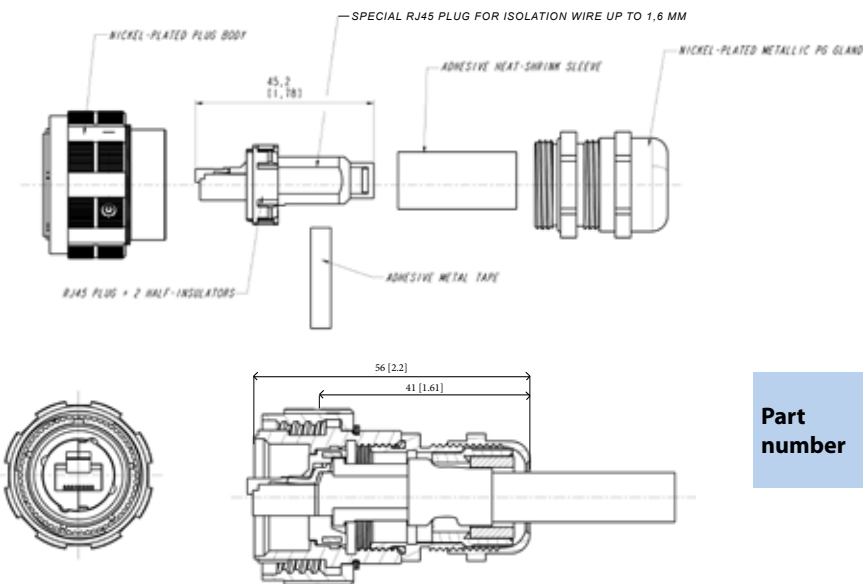- Tele-maintenance

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

Main characteristics
- Sealed against fluids and dusts (IP68)
- Shock, vibration and traction resistant
- No cabling operation in field and no tools required
- Mechanical coding / Polarization (4 positions)
- Improved EMI protection
- **Tri Start Thread coupling mechanism (MIL-DTL-38999 series III type) with anti-decoupling device - Shell size 19**
- **Robust metallic shells**
- RJ45 cordset retention in the plug: 100 N in the axis
- Mating cycles: 500 min
- Compatible with cable diameter from 6 mm [0.236 in] to 13 mm [0.512 in], for smaller diameters please consult us

Environmental protection
- Sealing: IP68
- Salt spray: 48 h with nickel plating
          > 96 h with black coating
          > 500 h with olive drab cadmium
- Fire retardant/Low smoke: UL94 V0 and NF F 16 101 & 16 102
- Vibrations: 10 – 500 Hz, 10 g, 3 axes: no discontinuity > 10 nano s.
- Shocks: IK06 ▶weight of 250 g drop from 40 cm [15.75 in] onto connectors (mated pair)
- Humidity: 21 days, 43°C, 98% humidity
- Thermal shock: 5 cycles at - 40°C / +100°C
- Temperature range: - 40°C / +85°C

SPECIAL RJ45 PLUG FOR ISOLATION WIRE UP TO 1,6 MM

NICKEL-PLATED PLUG BODY
45,2 [1,78]
ADHESIVE HEAT-SHRINK SLEEVE
NICKEL-PLATED METALLIC PG GLAND
RJ45 PLUG + 2 HALF-INSULATORS
ADHESIVE METAL TAPE

56 [2.2]
41 [1.61]

Part number	Plating	P/N
	Nickel - *ROHS compliant*	**35660**
	Olive drab cadmium	**35660G**

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