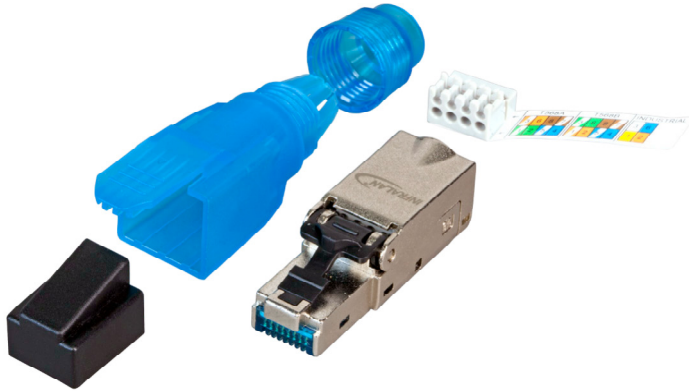


DATASHEET

INFRALAN® RJ45 Plug Cat.6_A /Class E_A FTP



FIELD-
INSTALLABLE
up to AWG22

The INFRALAN® RJ45 plug provides a combination of excellent transmission quality and fast and easy tool-free assembly. Fully shielded zinc diecast housing ensures the best EMC features especially in industrial environments. IDC terminals and very low contact resistances assure high quality contacting for installation cables up to 9mm diameter and wire gauge from AWG22 - AWG27.

Specifications

- Shielded zinc diecast body with separate dust cap and tension relief
- Class E_A performance according to ISO/IEC11801 and IEC60603-7-5
- Compact cable manager for AWG 22/1 .. AWG 26/1 or AWG22/7 .. AWG27/7
- Pair management according to TIA 568A /B colour codes and industrial Profinet 1-2-3-6
- Re-termination capability up to 5 times with the same width, for AWG27/7 up to 2 times.
- Suitable for cable dia from 6,0mm .. 9,0mm
- Strain relief with cable gland
- Tension relief with cable gland and sliding lever

Technical data

Electrical properties:

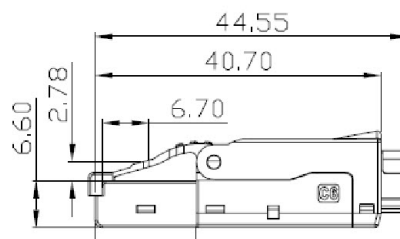
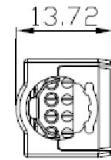
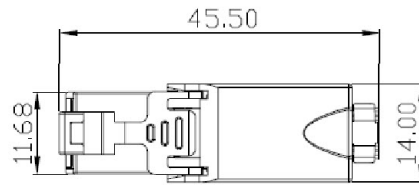
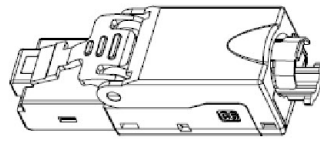
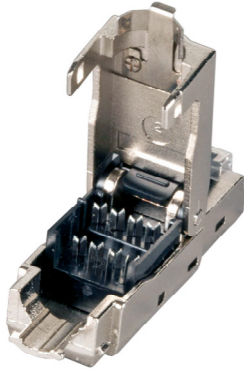
- Insulation resistance: > 500 MΩ
- Dielectric Withstand voltage: 1000V DC
- Contact resistance: <20 mΩ
- Current rating: 1.5A @ 20 ° C

Mechanical properties:

- Mating cycles > 750 cycles
- Temperature range: -40 ° C ~ +66 ° C
- Contact plating: 50μ" gold
- Protection class: IP20

DATASHEET

Drawings/ Figures



Packing information

- 1 piece in polybag, with instruction manual english
- Included accessories: dust cover, strain relief boot with cable gland



RoHS
compliant