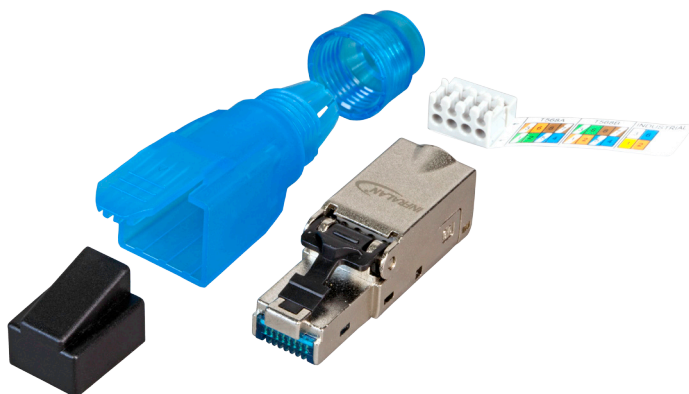


# DATASHEET

**INFRALAN® RJ45 Plug Cat.6<sub>A</sub> /Class E<sub>A</sub> FTP**

**Art. -No.: 88035AV.1**



**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<sub>A</sub> 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

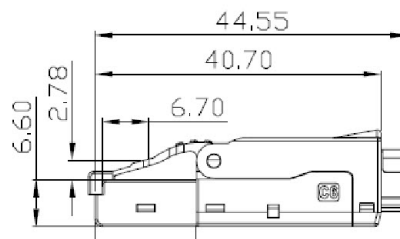
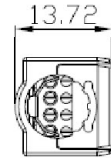
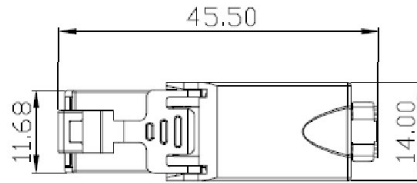
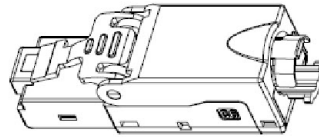
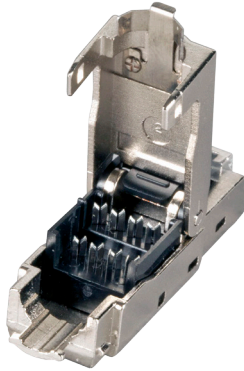
### Mechanical properties:

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

Art.No.	88035AV.1	File	88035AV.1.indd		
Description	INFRALAN® RJ45 Plug Cat.6 <sub>A</sub> /Class E <sub>A</sub> FTP				
Created	Date	Last revision	Date	Proved	Date
BF	02.08.2016	BF	06.10.2016	BF	06.10.2016

# DATASHEET

## Drawings/ Figures



## Packing information

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



## Order data

Art. No.	Typ
88035AV.1	INFRALAN® RJ45 Plug Cat.6 <sub>A</sub> /Class E <sub>A</sub> FTP

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