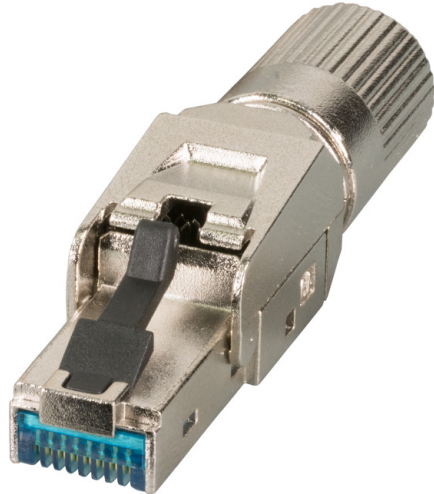


DATASHEET

INFRALAN® Cat.6A/Class EA, angled RJ45 Connector




Cat.6A

10 Gbit



Description

The INFRALAN® Cat. 6A Premium RJ45 is a highlight in the chain of further development of RJ45 connectors for field assembly.

An extraordinarily robust full metal housing made of zinc die-casting paired with the unique variable cable feed opens up a wide range of application possibilities.

Installation can be done in 9 different positions:

8 different angled positions and a 180° straight cable entry.

The conical metal cable gland allows cable diameters from 6.0mm to 9.0mm.

The connector meets the requirements of transmission class Cat. 6A/Class EA and supports the Ethernet protocol up to 10 Gigabit per second.

The premium connector IVB-6A-S is the RJ45 for all cases.

USPs

FIELD ASSEMBLY WIRE OR STRAND

Cable diameter AWG 22/1... 26/1, 22/7... 27/7

CABLE ENTRY STRAIGHT, ANGLED

VARIABLE 9 POSSIBLE POSITIONS

MATERIAL ZINC DIE-CASTING

STRAIN RELIEF METAL GLAND

STANDARDS ISO11801, IEC60603-7-51

TRANSMISSION 10 GIGABIT ETHERNET

CONTACTS 50µ" GOLD PLATED

LIFETIME > 750 MATING CYCLES

CABLE THICKNESS 6,0MM TO 9,0MM

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General data

Category	6A (IEC)
Model	jack (jack)
Connection type	LSA
Type of connector	RJ45 8(8)
Screened	True
AWG-range for litz wire conductor	22 - 27
AWG-range for solid core	22 - 26
Special tool necessary	False
Suitable for round cable	True
Suitable for flat cable	False
Suitable for litz wire conductor	True
Suitable for solid core	True
Housing material	Zinc die cast
Complaint to UL94	V-0

Mechanical characteristics

Max. cable diameter	8.5 mm
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Electrical characteristics

4PPOE certified	True
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Available variants

Article no.	Title	Colour
IVB-6A-S	INFRALAN® RJ45 Premium Connector Cat.6A/ClassEA, field assembly, full metal	silver

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Technical drawings

