

CAT6A RJ45 Modular Plug SHIELDED HOUSING

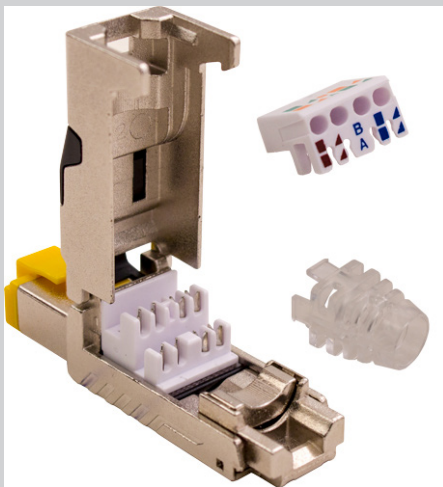


DESCRIPTION

Category 6A, RJ45 Modular Plug Shielded.

FEATURES

- RJ45 Full Shielded Connector
- Meets ANSI/TIA 568C.2 Standards
- Suitable for PoE + IEEE 802.3 af/at
- T568A & T568B Color Codes
- Quickly Easy Termination
- Copper Tape & Strain Boot Included
- Suitable for 10G Applications



SKU: 012-024/10G

Material / Performance

RJ45 Connector

Housing	PC, UL 94-V2, Yellow (RAL1021)
Contact Material	Phosphor Bronze / Nickel plated
Gold Plating	50 micro-inch on surface contact area

IDC Housing	PC, UL 94-V2
IDC Terminal	Titanium copper / Tin plated
IDC Compatibility	23-26AWG Solid Cable

Housing / Cover	Zinc die-casting with nickel plated
Wire Management Bar	PC, UL 94-V2 - White
Slip on Boot	PC, UL 94-V2 - Transparent
Copper Foil Tape	Included (improves grounding)

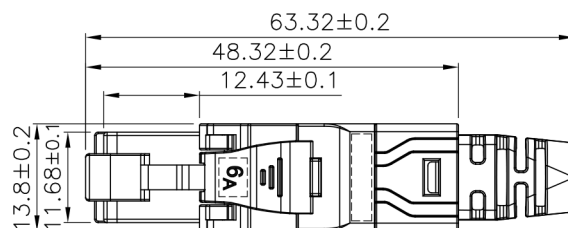
Insertion Force	30N max (IEC 60603-7-5)
Retention Strength	7.7 kg between jack & plug
Mating Cycles	RJ45 - 750 cycles IDC - 20 installations

Jacket Diameter Range	5.6~8.5mm
Insulation Diameter Range	1.0~1.45mm

Operating Temperature
-10°C~60°C (ISO/IEC 11801, ANSI/TIA-568C.2)

Standards

ANSI/TIA-568C.2 Category 6A
IEC 60603-7 Category 6A ISO 11801 2nd Edition Class EA
IEEE 802.3af/at PoE (PoE+) applications



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Specs subject to change without notice.
It is the sole responsibility of the user to have the most current specs.

Field Termination Plug User Guide

1

Copper Foil Tape
30mm x 10mm

SR-A (ø9.0) or SR-B (ø7.3)

2

Boot
Cable

3

30mm Min.
10mm

S/FTP or U/FTP.F/UTP

4

30mm Min.
10mm

Copper Foil Tape

5

30mm Min.
10mm

Wrapped up

6

7

5-8mm Max.

8

9 Cut front row wires flush

10 Cut rear row wires flush

11

0.2mm Max.

12

KEY

13

1

14

2
Click

15

OK NG

16

Legend

1	2	3	4	5	6	7	8
W-G	G	W-O	BL	W-BL	O	W-BR	BR

Pin assignment T568A

1	2	3	4	5	6	7	8
W-O	O	W-G	BL	W-BL	G	W-BR	BR

Pin assignment T568B

	Solid	Stranded	Cable (O.D.)
C6A	23~26AWG	23~26AWG	5.6~8.5mm
C8	22~24AWG	22~24AWG	5.6~8.5mm