



Where X = Color

X = I - Ivory

X = W - White

X = K - Black

X = O - Orange

X = B - Blue

X = R - Red

Other colors under request

## Technical information

- T568A & T568B wiring.
- The Cat5e transmission performance is in compliance with the ANSI/TIA 568 C.2 standard.
- UL listed.

## Specification

Material

1. RJ45 Jack

- 1.1. Housing: ABS+PC, UL94V-0, with optional color.
- 1.2. RJ45 Jack Bracket Set: PBT+Glass Fiber, UL 94V-0.

2. RJ45 Contact

- 2.1. Material: Phosphor Bronze with Nickel plated.
- 2.2. Finish: Gold plated on Plug contact area.

3. IDC

- 3.1. Housing: PC+Glass Fiber, UL 94V-2.
- 3.2. Terminal: Phosphor Bronze with Tin plated.

4. IDC CAP: ABS, UL 94-HB.

5. IDC Bracket: ABS, UL 94V-0.

6. PCB: FR4, UL 94V-0.

## Performance

1. T568A & T568B wiring sticker.
2. Insertion force: 20N max. (IEC 60603-7-4).
3. Retention strength: 7.7kg between Jack and Plug.
4. Operating temperature: -10°C to 60°C. (ISO/IEC 11801, ANSI/TIA 568 C.2)
5. Life (mating cycles):
  - Jack: 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4)
  - IDC: Suitable for 22-26 AWG stranded and solid wire, compatible with both 110 & Krone punch down tools.
6. The Cat5e transmission performance is in compliance with the ANSI/TIA 568 C.2 standard.



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