

REV	DATE	MODIFICATION	DRAWN

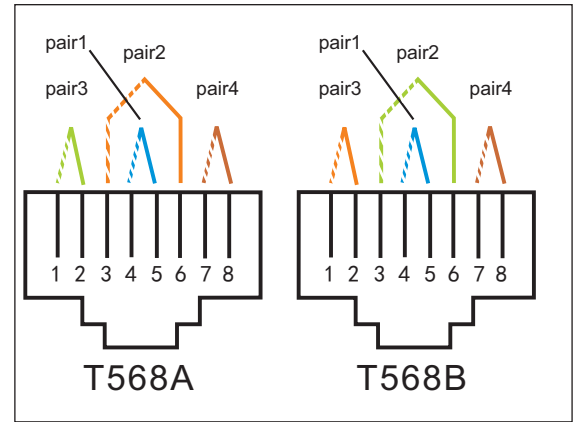
**Specification:**

**Material:**

1. Panel: 1.5mm/SPCC with Black color painting.
2. RJ45 Housing: PBT.
3. RJ45 Contact material & finished:
  - 3-1. Phosphor Bronze with 50-60 Nickel plated.
  - 3-2. Contact area: Min. 3 Gold plated.
4. IDC House: PC.
5. IDC Terminal material & finished:
  - 5-1: Phosphor Bronze with 50 Tin-Lead plated. over 50-60 Nickel plated.
  - 5-2. 110&krone tool compatible.
  - 5-3. Use for 22-26AWG stranded and solid wire.
6. Jack Bracket Set: ABS, r.

**Performance:**

- a. The IDC color combine two wirings of T568A & T568B.
- b. Insertion Force: 900 grms for 8 contacts.
- c. Retention Strength: 7.7 kgs between Jack and Plug.
- d. Operation Temperature: -30°C to 60°C
- e. Durability:
  - e-1. Jack: 750 cycles Plug-Jack mating and unmating test, Insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.
  - e-2. IDC: Max. 200 punching times.
- f. The Cat. 6 performance is in compliance with the ANSI/TIA/EIA 568 B. 2 standard.



DIMENSION IN mm (Inch) TOLERANCE UNLESS OTHERWISE SPECIFIED		MATERIAL PC, Phosphor bronze	DWG NO.
.X±0.10	.X°±5°	TITLE 2348 CAT. 6	
.XX±0.05	.XX°±2°	DRAWN NICK	SCALE 1/3
APPROVAL	CHECKED	PROJ.	SHEET 1/1
		REV	