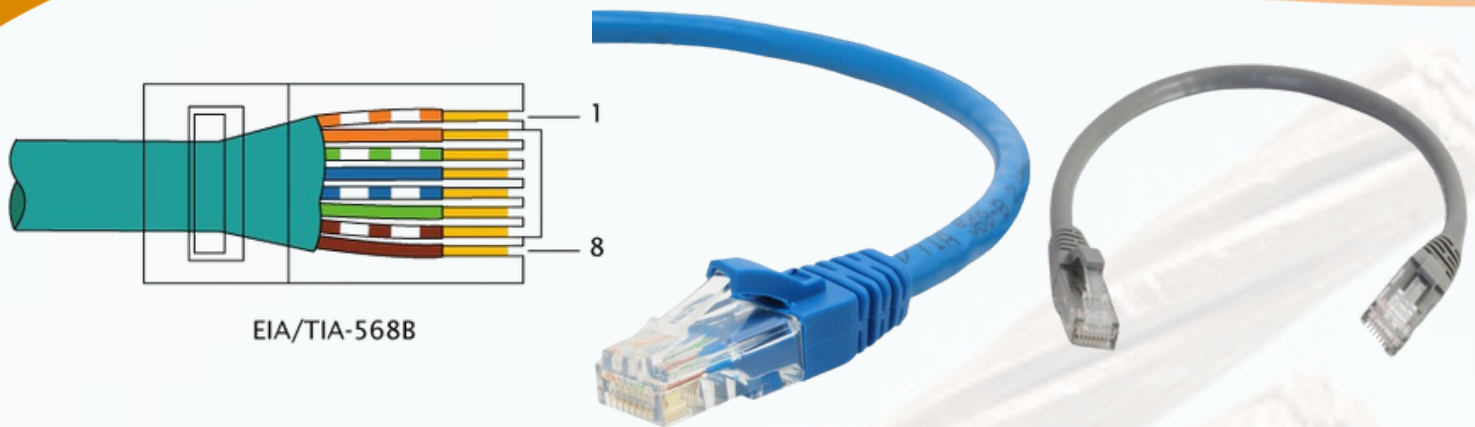


CAT6 PATCH CORD CABLE



CAT6 Patch Cord Cable

Product & Specification

Structural Description

- Structure: RJ45 (8P8C) plug 2 pcs + PVC connector + Cat6 network cable
- Colors: Gray / Green / Blue / Customer requirement
- Length: 0.5m / 1m / 2m / 3m / 5m ... max 100m
- Packing: PE plastic bags, 1 pcs/bag
- Printing: Customized printing

Technical Data

Inner Conductor

- Number of Pairs: 4
- Total Number of Conductors: 8
- Conductor Material: CU (Copper)
- Wire Gauge: 24AWG
- Conductor Diameter: 7 x $\varnothing 0.18$ mm
- Elongation: $\geq 15\%$

Insulation

- Insulation Material: HDPE
- Insulation Diameter: $\varnothing 1.0 \pm 0.05$ mm
- Elongation: $\geq 300\%$
- Color Coding:
 - Pair 1: White-Blue & Blue
 - Pair 2: White-Orange & Orange
 - Pair 3: White-Green & Green
 - Pair 4: White-Brown & Brown

Standard

- Color cord: TIA/EIA 568B

Paired

- Length of Lay: < 30 mm

Cross

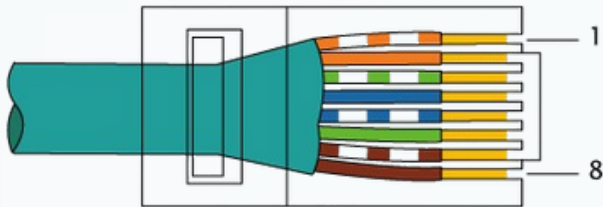
- Cross Center: PE Cross

Out Sheath

- Sheath Material: PVC
- Color: Green / Blue / Customer required
- Rip Cord: Yes
- Nominal Thickness: $0.55 \text{ mm} \pm 0.03 \text{ mm}$
- Maximum Overall Diameter: $\varnothing 6.0 \pm 0.3 \text{ mm}$



CAT6 PATCH CORD CABLE



EIA/TIA-568B



EIA/TIA-568A and 568B pinouts

Pin	T568A Pair	T568B Pair	1000BASE-T Signal ID	Wire	T568A Color	T568B Color	Pins on plug face (socket is reversed)
1	3	2	DA+	tip	 white/green stripe	 white/orange stripe	 Pin Position 8 7 6 5 4 3 2 1
2	3	2	DA-	ring	 green solid	 orange solid	
3	2	3	DB+	tip	 white/orange stripe	 white/green stripe	
4	1	1	DC+	ring	 blue solid	 blue solid	
5	1	1	DC-	tip	 white/blue stripe	 white/blue stripe	
6	2	3	DB-	ring	 orange solid	 green solid	
7	4	4	DD+	tip	 white/brown stripe	 white/brown stripe	
8	4	4	DD-	ring	 brown solid	 brown solid	

