

Description

PROSE Cat5e copper patch cords are designed for reliable data transmission in LAN environments, supporting high-speed connectivity up to Gigabit Ethernet. Engineered for stable performance and cost efficiency, they are ideal for office networks, commercial buildings, and general structured cabling applications.

Key Features

- Meets ISO/IEC 11801:2008, ANSI/TIA-568-C. 2, IEC 61156-5 requirements.
- 360° over-molded boot protects cable and improves durability.
- 50μ" gold plating reduces resistance and ensures reliable signal transmission.
- Supports high bandwidth and reduces signal interference.
- Multiple colors available for easy network management.

Product Appearance



Mechanical Performance

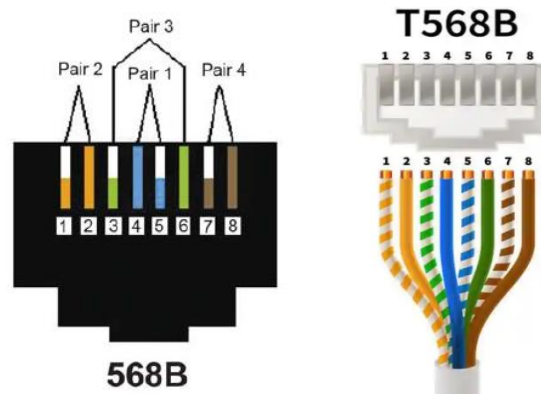
Items	Parameters
Category	Cat.5e
Conductor Type	Stranded copper wire: 24AWG. 26AWG, 28AWG are optional.
External dimensions (Unshielded,24AWG)	Cat5e:5.5±0.2mm;
External dimensions (Shielded,26AWG)	Cat5e:5.8±0.2mm
Conductor Paris	4 Pairs
Connector Type	RJ45-RJ45
Connector Contact Material	Copper alloy with contact plating of 50μ" gold
Cable Structure	U/UTP, F/UTP,U/FTP, S/FTP are optional.
Jacket Material	PVC CM, LSZH,PVC
Jacket Color	Blue, Orange, Grey, Purple, Red, White, etc. Other colors can be customized.
Material	Bare copper (99.99%)
Connector	8P8C
Storage Temperature	0 to +50°C
Operating Temperature	-10°C to +60°C

Electrical Performance

Frequency (MHz)	NEXT (dB)			RL (dB)
	2m Cord	5m Cord	10m Cord	
1	65.0	65.0	65.0	19.8
4	62.3	61.5	60.4	21.6
8	56.4	55.6	54.7	22.5
10	54.5	53.7	52.8	22.8
16	50.4	49.8	48.9	23.4
20	48.6	47.9	47.1	23.7
25	46.7	46	45.3	24.0
31.25	44.8	44.2	43.6	23.0
62.5	39	38.5	38.1	20.0
100	35.1	34.8	34.6	18.0

T568B Connection

RJ45 A	Cable	RJ45 B
1	Orange/White	1
2	Orange	2
3	Green/White	3
4	Blue	4
5	Blue/White	5
6	Green	6
7	Brown/White	7
8	Brown	8



Ordering Information

Product Series	Category	-	Structure	Sheath	Pairs	-	Conductor	Length	Color
CJ : Copper Patch Cord	5E : Cat5e	-	1: RJ45- RJ45 UTP 2 : RJ45- RJ45 F/UTP 3 : RJ45- RJ45 U/FTP 4 : RJ45- RJ45 F/FTP 9 : RJ45- RJ45 S/FTP	1: PVC CM 2 : LSZH IEC60332-1 3: PVC CMR 4: PVC CMP 5 : LSZH IEC60332-3A 6 : LSZH IEC60332-3C 7: PE 8: PVC	4: 4 Pairs RJ45-568B	-	1 : Stranded 24AWG 2 : Stranded 26AWG 3 : Stranded 28AWG 4 : Stranded 30AWG 5: Solid 23AWG 6: Solid 24AWG	1:1m 3:3m 5:5m A:10m B:15m C:20m F1:1ft F2:2ft F3:3ft	GY: Grey OR: Orange BL: Blue PL: Purple RD: Red GR: Green WH: White BK: Black YL: Yellow

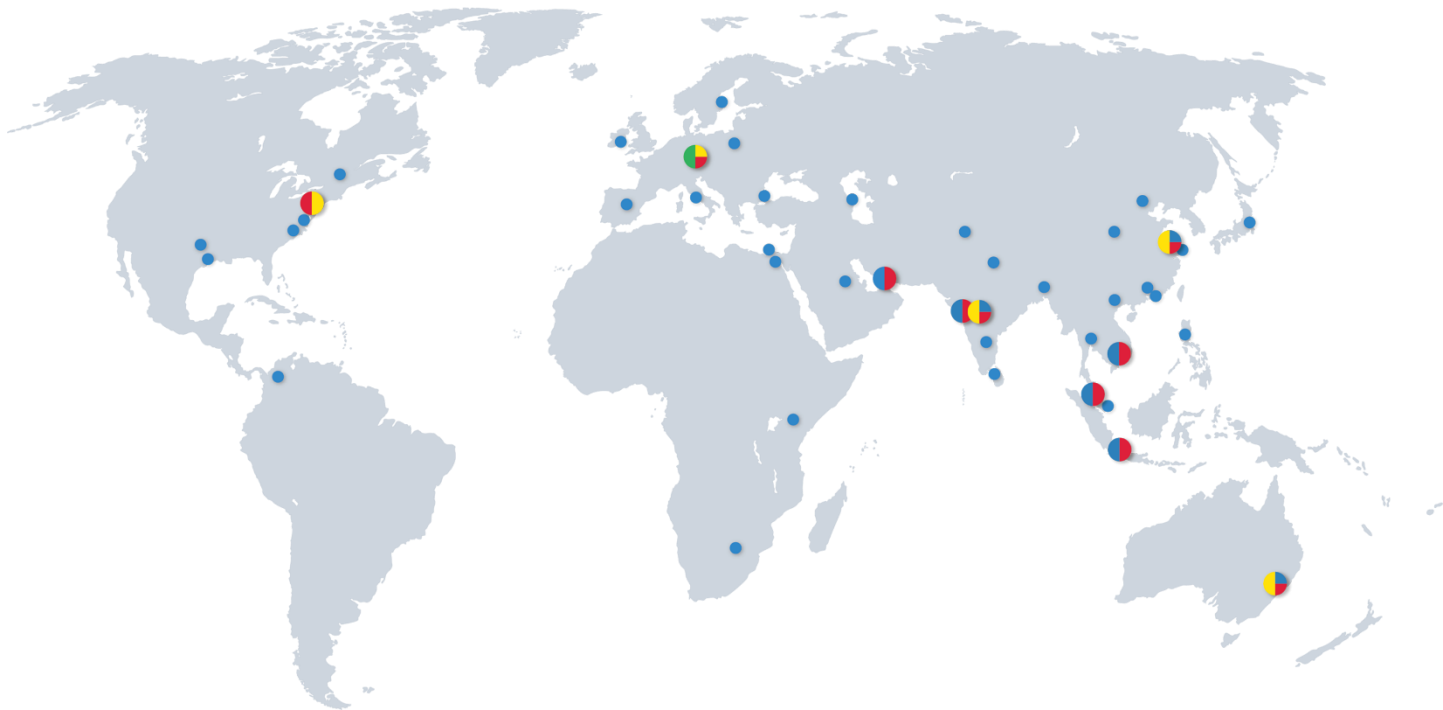
Cat5e Patch Cord CJ5E-XXX



For Example:

Part Number	Description
T568B-T568B Patch Cord	
CJ5E- 114-11GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, PVC CM, Grey, 1m
CJ5E -114-12GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, PVC CM, Grey, 2m
CJ5E -114-15GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, PVC CM, Grey, 5m
CJ5E -124-11GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, LSZH, Grey, 1m
CJ5E -124-12GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, LSZH, Grey, 2m
CJ5E -124-15GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, LSZH, Grey, 5m
CJ5E -184-11GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, PVC, Grey, 1m
CJ5E -184-12GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, PVC, Grey, 2m
CJ5E -184-15GY	Patch Cord, Cat5e, 24AWG, RJ45-RJ45, UTP, PVC, Grey, 5m

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PROSE

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