

Description

PROSE Cat6A copper patch cords are designed for reliable high-speed data transmission in enterprise networks and data centers. Compliant with international standards, Exceeding the specification of ANSI/TIA-568.2-D Category 6A requirements. They ensure stable connectivity, low signal loss, and flexible deployment across various structured cabling environments.

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

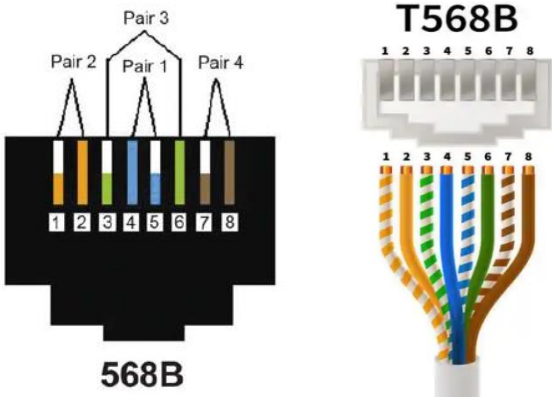
Items	Parameters
Category	Cat.6A
Conductor Type	Stranded copper wire: 24AWG. 26AWG, 28AWG are optional.
External dimensions(Unshielded,24AWG)	Cat6A: 6.2±0.2mm
External dimensions (Shielded,26AWG)	Cat6A: 6.2±0.2mm
Conductor Paris	4 Pairs
Connector Type	RJ45-RJ45
Connector Contact Material	Copper alloy 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	65.0	65.0	65.0	21.6
8	65.0	65.0	64.8	22.5
10	65.0	64.5	63.0	22.8
16	62.0	60.5	59.1	23.4
20	60.1	58.6	57.3	23.7
25	58.1	56.8	55.4	24.0
31.25	56.2	54.9	53.6	23.0
62.5	50.4	49.2	48.1	20.0
100	46.4	45.4	44.5	18.0
200	40.7	39.9	39.3	15.0
250	38.9	38.1	37.7	14.0
300	36.2	35.9	35.8	12.8
400	31.9	32.1	32.5	10.9
500	28.4	29.0	29.8	9.5

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



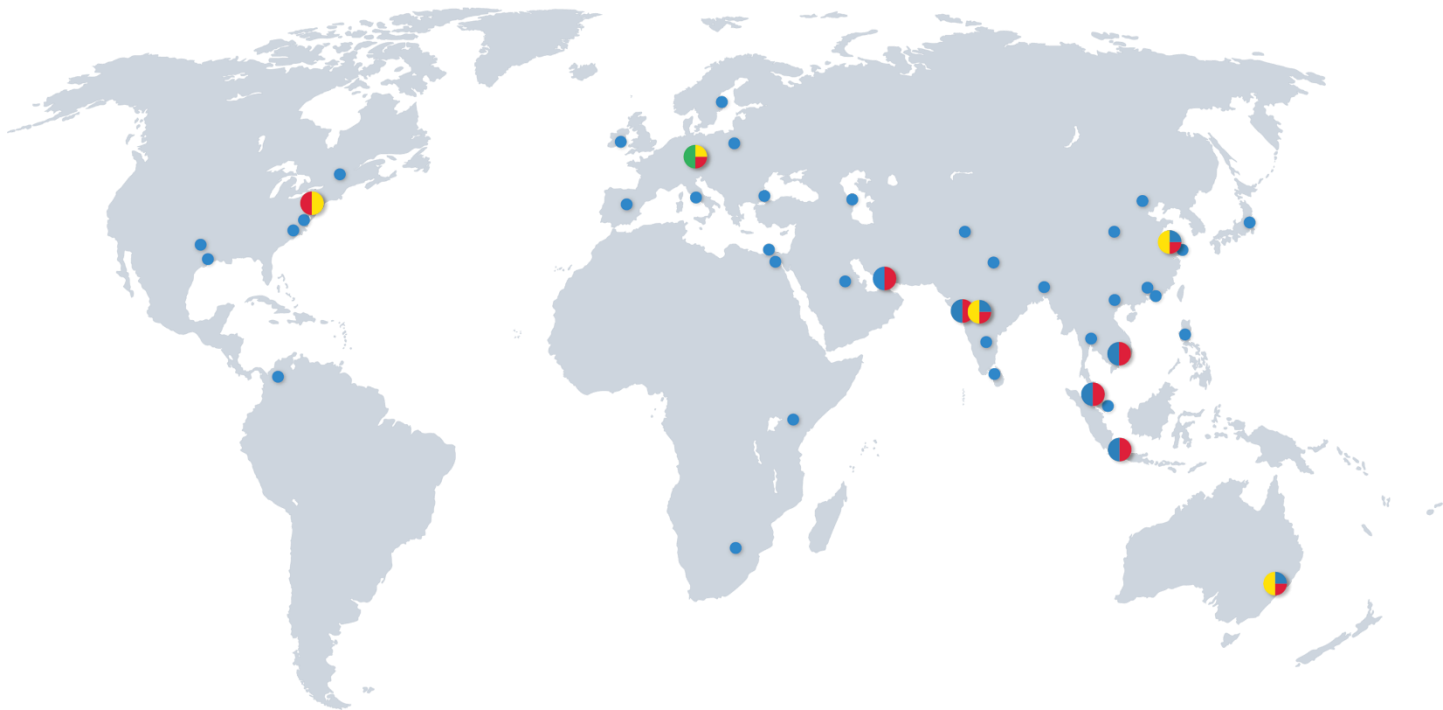
Ordering Information

Product Series	Category	-	Structure	Sheath	Pairs	-	Conductor	Length	Color
CJ : Copper Patch Cord	6A : Cat6A	-	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

For Example:

Part Number	Description
T568B-T568B Patch Cord	
CJ6A -914-11GY	Patch Cord, Cat6A, 24AWG, RJ45-RJ45, S/FTP, PVC CM, Grey, 1m
CJ6A -924-11GY	Patch Cord, Cat6A, 24AWG, RJ45-RJ45, S/FTP, LSZH, Grey, 1m
CJ6A -984-11GY	Patch Cord, Cat6A, 24AWG, RJ45-RJ45, S/FTP, PVC, Grey, 1m
CJ6A -114-11GY	Patch Cord, Cat6A, 24AWG, RJ45-RJ45, UTP, PVC CM, Grey, 1m
CJ6A -124-11GY	Patch Cord, Cat6A, 24AWG, RJ45-RJ45, UTP, LSZH, Grey, 1m
CJ6A -184-11GY	Patch Cord, Cat6A, 24AWG, RJ45-RJ45, UTP, PVC, Grey, 1m
26AWG/28AWG	
CJ6A -924-21GY	Patch Cord, Cat6A, 26AWG, RJ45-RJ45, S/FTP, LSZH, Grey, 1m
CJ6A -924-31GY	Patch Cord, Cat6A, 28AWG, RJ45-RJ45, S/FTP, LSZH, Grey, 1m
CJ6A -124-21GY	Patch Cord, Cat6A, 26AWG, RJ45-RJ45, UTP, LSZH, Grey, 1m
CJ6A -124-31GY	Patch Cord, Cat6A, 28AWG, RJ45-RJ45, UTP, LSZH, Grey, 1m

GLOBAL FOOTPRINT



- HQ
- PRODUCTION / OPERATIONAL HUB
- R&D / ENGINEERING
- SUBSIDIARIES / SALES REPRESENTATIVES

PROSE

PROSE Technologies

www.ProseTechnologies.com
info@ProseTechnologies.com
© 2026 PROSE Technologies
04/26



For more information
refer to our website