

Application

Prose CAT.6 patch cords are used in structured cabling applications, for transmitting voice, data and video signals. They support current high-band width applications, especially are suitable for Class E solution.

- VoIP
- ISDN
- Token ring
- 100 Mbps TP-PMD
- Analog and digital video
- TR-16 Active and Passive
- 155 Mbps /622 Mbps /1.2 Gbps ATM
- 10BASE-T/100BASE-TX Fast /1000BASE-TX Gigabit Ethernet

Features/Benefits

- Conductor: 24AWG, 26AWG and 28AWG stranded copper wire are optional.
- Excellent performance and easy installation.
- Exceed ANSI/TIA-568.2-D CAT.6 requirements, together with unshielded and shielded version for Class E solution. It is available in PVC and LSZH jacket.
- Utilizing flexible stranded patch cable.
- Connector contacts are plated with gold of 50 μ m thick, minimizing contact resistance, supporting transmission of high frequency signals.
- Different colors are available to distinguish different networks easily. Blue, Orange, Grey, Purple, Red, White, etc, other colour is customized.



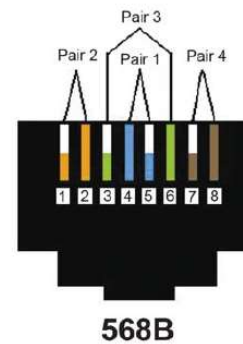
Electrical Performance

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	62.9	22.8
16	62.0	60.5	59.0	23.4
20	60.1	58.6	57.2	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	45.3	44.4	18.0
125	44.5	43.5	42.7	17.0
150	43.0	42.1	41.4	16.2
175	41.8	40.9	40.2	15.5
200	40.6	39.8	39.3	15.0
225	39.7	38.9	38.4	14.5
250	38.8	38.1	37.6	14.0

Connection in RJ45's plug pin

T568B-T568B		
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	Structure	Sheath	Pairs	Conductor Type	Length	Color	
CJ60: Cat6 Copper Jumper	1: RJ45-RJ45 UTP	1: PVC CM	1: 4 Pairs	1: Stranded 24/26AWG	1: 1m	GY: Grey	
	2: RJ45-RJ45 F/UTP	2: LSZH	568A	(24AWG for unshielded	2: 2m	OR: Orange	
	9: RJ45-RJ45 S/FTP	IEC60332-1	3: CMR	4: 4 Pairs	26AWG for shielded)	3: 3m	BL:
					2: Solid 24/26AWG	4: 4m	Blue
		IEC60332-3A	4: CMP	5: LSZH	3: Stranded 28AWG	5: 5m	PL: Purple
					4: Stranded 24/26AWG	6: 6m	RD: Red
		IEC60332-3C	6: LSZH	5: Stranded 28AWG	with Lock	7: 7m	GR: Green
					5: Stranded 28AWG	8: 8m	WH: White
		with Lock	9: 9m	BK: Black			

			8: PVC				A: 10m H: 0.5m B: 15m C: 20m D: 25m	YL: Yellow
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Example:

Order Number	Description
T568B-T568B Patch Cord	
CJ60-114-11GY	Patch Cord, Cat6, RJ45-RJ45, UTP, PVC CM, Grey, 1m
CJ60-114-12GY	Patch Cord, Cat6, RJ45-RJ45, UTP, PVC CM, Grey, 2m
CJ60-114-13GY	Patch Cord, Cat6, RJ45-RJ45, UTP, PVC CM, Grey, 3m
CJ60-114-15GY	Patch Cord, Cat6, RJ45-RJ45, UTP, PVC CM, Grey, 5m
CJ60-114-1AGY	Patch Cord, Cat6, RJ45-RJ45, UTP, PVC CM, Grey, 10m
CJ60-224-11GY	Patch Cord, Cat6, RJ45-RJ45, F/UTP, LSZH, Grey, 1m
CJ60-224-12GY	Patch Cord, Cat6, RJ45-RJ45, F/UTP, LSZH, Grey, 2m
CJ60-224-13GY	Patch Cord, Cat6, RJ45-RJ45, F/UTP, LSZH, Grey, 3m
CJ60-224-15GY	Patch Cord, Cat6, RJ45-RJ45, F/UTP, LSZH, Grey, 5m
CJ60-224-1AGY	Patch Cord, Cat6, RJ45-RJ45, F/UTP, LSZH, Grey, 10m