

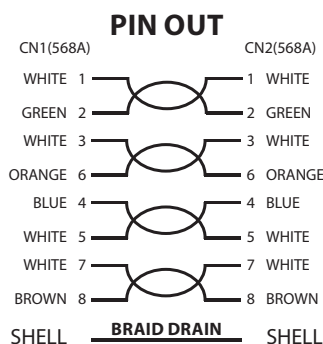
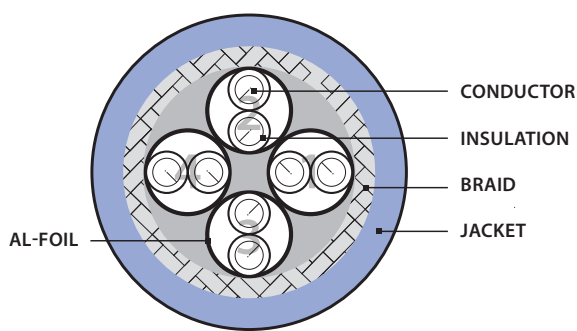
SHIELDED CATEGORY 6A PATCH CORDS

These Category 6A Patch Cords offer exception immunity to electromagnetic interference, providing exceptional throughput performance.

When used in conjunction with other CABAC products, you end up with a network that will run 10 Gigabit now and well into the future.

FEATURES & BENEFITS

- Wiring Scheme: T568A
- Individually shielded pairs S/FTP
- Jacket material: LSZH
- Fully moulded strain relief boots
- Wide variety of colours available
- Wide variety of length available
- ROHS Compliant
- PoE Class 8 - Max 72W



ORDERING INFORMATION

LENGTH (M)	BLUE	PURPLE	WHITE	YELLOW	BLACK	GREY	RED	GREEN
0.5	PLC6ABL0.5	PLC6APU0.5	PLC6AWH0.5	PLC6AYL0.5	PLC6ABK0.5	PLC6AGY0.5	PLC6ARD0.5	PLC6AGN0.5
1	PLC6ABL1	PLC6APU1	PLC6AWH1	PLC6AYL1	PLC6ABK1	PLC6AGY1	PLC6ARD1	PLC6AGN1
1.5	PLC6ABL1.5	N/A	PLC6AWH1.5	PLC6AYL1.5	PLC6ABK1.5	PLC6AGY1.5	N/A	N/A
2	PLC6ABL2	PLC6APU2	PLC6AWH2	PLC6AYL2	PLC6ABK2	PLC6AGY2	PLC6ARD2	PLC6AGN2
3	PLC6ABL3	PLC6APU3	PLC6AWH3	PLC6AYL3	PLC6ABK3	PLC6AGY3	PLC6ARD3	PLC6AGN3
5	PLC6ABL5	PLC6APU5	PLC6AWH5	PLC6AYL5	PLC6ABK5	PLC6AGY5	PLC6ARD5	PLC6AGN5
10	PLC6ABL10	PLC6APU10	PLC6AWH10	PLC6AYL10	PLC6ABK10	PLC6AGY10	PLC6ARD10	PLC6AGN10

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

SHIELDED CATEGORY 6A PATCH CORDS

DESIGN AND CONSTRUCTION DATA		
ITEM		DESCRIPTION
CONDUCTOR	MATERIAL	Bare copper wire
	CONSTRUCTION	7/0.16±0.008
INSULATION	MATERIAL	Foamed PE
	NOM. THICKNESS	0.25
	NOM. O.D.:	1.05±0.05
SHIELDING	MATERIAL	Al/Mylar tape
	OVERLAP	25%
BRAID	MATERIAL	Al-Mg
	CONSTRUCTION	16/5/0.12±0.008
JACKET	MATERIAL	LSZH
	NOM. THICKNESS	0.45
	NOM. O.D.:	5.90±0.20
	VOLTAGE WITHSTAND	1000V

PHYSICAL AND ELECTRICAL PERFORMANCE		
ITEM		REQUIREMENT
SPARK TEST FOR INSULATION (DC)	kv	2.50
CONDUCTOR RESISTANCE MAX. AT 20°C	ohm/km	140.00
CHARACTERISTIC IMPEDANCE	ohm	100±15
PROPAGATION DELAY SKEW	ns/100m	45

FREQUENCY	RL	NEXT	PSNEXT	ACRF	PSACRF	DELAY
1	20	74.3	72.3	67.8	64.8	570
4	23.0	65.3	63.3	55.8	52.8	552
8	24.5	60.8	58.8	49.7	46.7	547
10	25.0	59.3	57.3	47.8	44.8	545
16	25	56.2	54.2	43.7	40.7	543
20	25.0	54.8	52.8	41.8	38.8	542
25	24.2	53.3	51.3	39.8	36.8	541
31.25	23.3	51.9	49.9	37.9	34.9	540
62.5	20.7	47.4	45.4	31.9	28.9	539
100	19.0	44.3	42.3	27.8	24.8	538
200	16.4	39.8	37.8	21.8	18.8	537
250	15.6	38.3	36.3	19.8	16.8	536
300	14.9	37.1	35.1	18.3	15.3	536
400	13.8	35.3	33.3	15.8	12.8	536
500	13.0	33.8	31.8	13.8	10.8	536

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