

## CATEGORY 6A REDUCED DIAMETRE PATCH CORDS

These Category 6A Patch Cords offer exception immunity to Electro-magnetic interference being S-FTP construction. They vastly improve cable management and provide exceptional throughput performance.

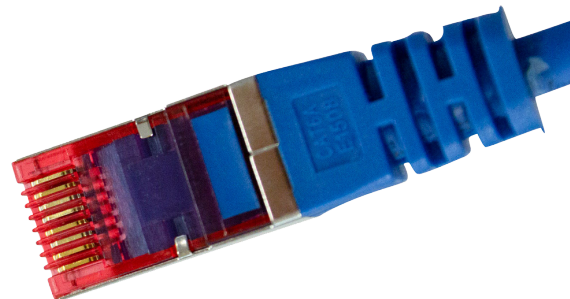
When used in conjunction with other CABAC data products, you end up with a network that will run 10 Gigabit now and well into the future.

### FEATURES & BENEFITS

- S-FTP construction for high level immunity
- Compatible with all Category 6A, 6 and 5e cabling systems
- Reduce Diameter for excellent cable management
- Available in a variety of colours
- Available in a variety of lengths
- ROHS Compliant
- PoE Class 5 - Max 40W

### ORDERING INFORMATION

(M)	BLUE	YELLOW	BLACK	GREEN
0.5M	PLC6ABL0.5SL	PLC6AYL0.5SL	PLC6ABK0.5SL	PLC6AGN0.5SL
1.0M	PLC6ABL1SL	PLC6AYL1SL	PLC6ABK1SL	PLC6AGN1SL
1.5M	PLC6ABL1.5SL	PLC6AYL1.5SL	PLC6ABK1.5SL	PLC6AGN1.5SL
2.0M	PLC6ABL2SL	PLC6AYL2SL	PLC6ABK2SL	PLC6AGN2SL
3.0M	PLC6ABL3SL	PLC6AYL3SL	PLC6ABK3SL	PLC6AGN3SL
5.0M	PLC6ABL5SL	PLC6AYL5SL	PLC6ABK5SL	PLC6AGN5SL



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.

## CATEGORY 6A REDUCED DIAMETRE PATCH CORDS

### DESIGN AND CONSTRUCTION DATA

ITEM		DESCRIPTION
CONDUCTOR	MATERIAL	Bare copper wire
	CONSTRUCTION	7/0.10±0.008
INSULATION	MATERIAL	HDPE
	NOM. THICKNESS	0.18
	NOM. O.D.:	0.71±0.05
SHIELDING	MATERIAL	Al/Mylar tape
	OVERLAP	25%
BRAID	MATERIAL	Al-Mg
	CONSTRUCTION	16/4/0.12±0.008
JACKET	MATERIAL	LSZH
	NOM. THICKNESS	0.45
	NOM. O.D.:	4.70±0.20

### PHYSICAL AND ELECTRICAL PERFORMANCE

ITEM		REQUIREMENT
SPARK TEST FOR INSULATION (DC)	kv	2.50
CONDUCTOR RESISTANCE MAX. AT 20°C	ohm/km	354.00
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

MKT210

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.