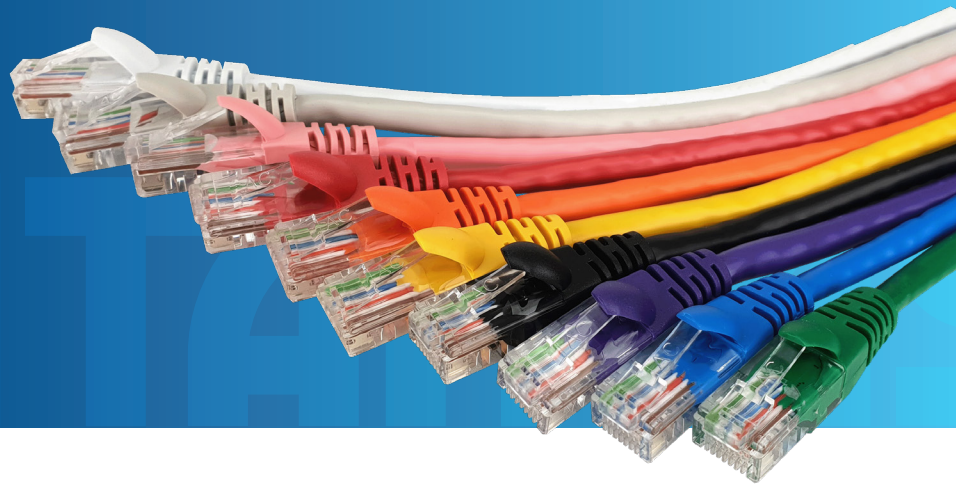


Cat6 UTP Patch Cable

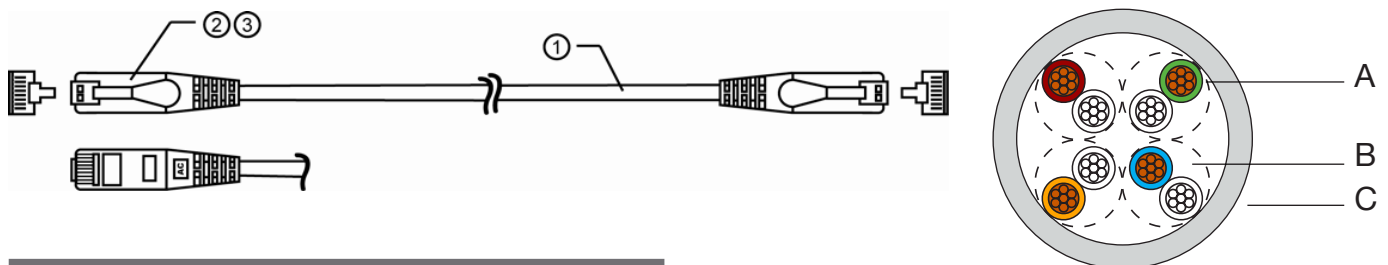
W2740-50-51-48-52-44-53-54-55-60-65-70-75



FEATURES

- Cat6 cable is standard for gigabit ethernet and other network protocols that are backward compatible with Cat5/5e and Cat3 standards
- Made from 100% oxygen-free copper
- 4 twisted pairs (multi-stranded) T568A colour code
- RJ45-RJ45 connectors with snagless boots
- Injection-moulded connectors ensure the highest quality and outstanding strain relief
- Supplied in Datamaster® Poly Hang-cell bags
- Custom-made cables – lengths, colours and printing are also available

DESIGN & CONSTRUCTION



	DESCRIPTION	SPECIFICATION
1	Cable	UTP Cat-6; Stranded conductors; 24AWG
2	Jacket	50P PVC
3	Connectors	8P8C; 50µ" Gold plated, Molded boot

	DESCRIPTION	COLOUR	SPECIFICATION	MATERIALS
A	Conductor	Copper	0.203(+/-0.010)mm	Bare Copper
B	Insulation	Orange/White with Orange, Blue/White with Blue, Green/White with Green, Brown/White with Brown	1.01(+/-0.13)mm	SPE
C	Jacket	Various	5.50(+/-0.30)mm	FR-PVC

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Cat6 UTP Patch Cable

W2740-50-51-48-52-44-53-54-55-60-65-70-75

FREQUENCY (MHZ)	ATTENUATION (+/-15%dB)	RETURN LOSS (9dB)	NEXT WORST PAIR (dB)	IMPEDANCE (Ohm)
1.00	2.4	20.0	74.3	100±15
4.00	4.5	23.0	65.3	
8.00	6.4	24.5	60.8	
10.00	7.1	25.0	59.3	
16.00	9.1	25.0	56.2	
20.00	10.2	25.0	54.8	
25.00	11.4	24.2	53.3	
31.25	12.8	23.3	51.9	
62.50	18.5	20.7	47.4	
100.00	23.8	19.0	44.3	
200.00	34.8	16.4	39.8	
250.00	39.4	15.6	38.3	

PINOUT		
J1	J2	COLOUR
1	1	Green/White
2	2	Green
3	3	Orange/White
4	4	Blue
5	5	Blue/White
6	6	Orange
7	7	Brown/White
8	8	Brown

TOLERANCE	
NOMINAL LENGTH	TOLERANCE
250mm	± 5mm
500mm	± 10mm
1.0 Metre	± 15mm
1.5 Metre	± 15mm
2.0 Metre	± 20mm
2.5 Metre	± 30mm
3.0 Metre	± 30mm
4.0 Metre	± 50mm
5.0 Metre	± 50mm
10 Metre	± 80mm
15 Metre	± 100mm
20 Metre	± 150mm
30 Metre	± 200mm

ELECTRICAL PROPERTIES	
Insulation Resistance	Min > 200 (MΩ*M) at 20°C
Conductor Resistance	Max < 9.61 (Ω/100M) at 20°C
Temperature rating (°C)	75
Voltage rating (V)	300

COMPLIANCE

- RoHS III EU/2015/863
- REACH SVHC x 219 (EC 1907/2006)
- ISO/IEC 11801 Category 6
- TIA/EIA-568-C.2
- AS/CA S008:2020



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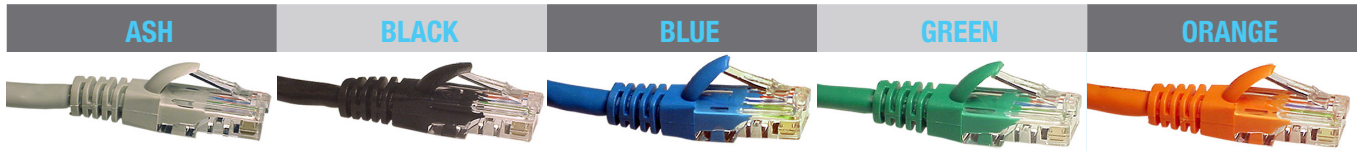
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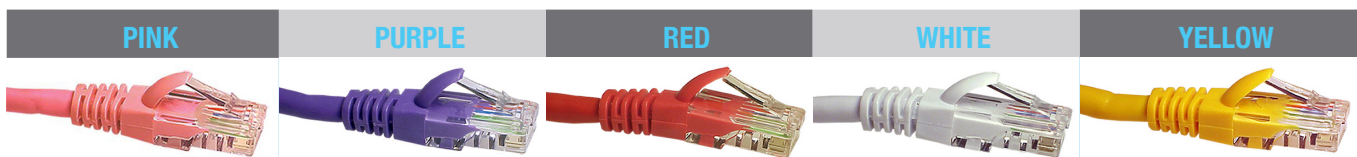
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Cat6 UTP Patch Cable

W2740-50-51-48-52-44-53-54-55-60-65-70-75



CAT#	LENGTH	CAT#	LENGTH	CAT#	LENGTH	CAT#	LENGTH	CAT#	LENGTH
W2740ASH	250mm	W2740BLK	250mm	W2740BLU	250mm	W2740GRN	250mm	W2740ORA	250mm
W2750ASH	500mm	W2750BLK	500mm	W2750BLU	500mm	W2750GRN	500mm	W2750ORA	500mm
W2751ASH	1.0 Metre	W2751BLK	1.0 Metre	W2751BLU	1.0 Metre	W2751GRN	1.0 Metre	W2751ORA	1.0 Metre
W2748ASH	1.5 Metre	W2748BLK	1.5 Metre	W2748BLU	1.5 Metre	W2748GRN	1.5 Metre	W2748ORA	1.5 Metre
W2752ASH	2.0 Metre	W2752BLK	2.0 Metre	W2752BLU	2.0 Metre	W2752GRN	2.0 Metre	W2752ORA	2.0 Metre
W2744ASH	2.5 Metre	W2744BLK	2.5 Metre	W2744BLU	2.5 Metre	W2744GRN	2.5 Metre	W2744ORA	2.5 Metre
W2753ASH	3.0 Metre	W2753BLK	3.0 Metre	W2753BLU	3.0 Metre	W2753GRN	3.0 Metre	W2753ORA	3.0 Metre
W2754ASH	4.0 Metre	W2754BLK	4.0 Metre	W2754BLU	4.0 Metre	W2754GRN	4.0 Metre	W2754ORA	4.0 Metre
W2755ASH	5.0 Metre	W2755BLK	5.0 Metre	W2755BLU	5.0 Metre	W2755GRN	5.0 Metre	W2755ORA	5.0 Metre
W2760ASH	10 Metre	W2760BLK	10 Metre	W2760BLU	10 Metre	W2760GRN	10 Metre	W2760ORA	10 Metre
W2765ASH	15 Metre	W2765BLK	15 Metre	W2765BLU	15 Metre	W2765GRN	15 Metre	W2765ORA	15 Metre
W2770ASH	20 Metre	W2770BLK	20 Metre	W2770BLU	20 Metre	W2770GRN	20 Metre	W2770ORA	20 Metre
W2775ASH	30 Metre	W2775BLK	30 Metre	W2775BLU	30 Metre	W2775GRN	30 Metre	W2775ORA	30 Metre



CAT#	LENGTH	CAT#	LENGTH	CAT#	LENGTH	CAT#	LENGTH	CAT#	LENGTH
W2740PNK	250mm	W2740PUR	250mm	W2740RED	250mm	W2740WHI	250mm	W2740YEL	250mm
W2750PNK	500mm	W2750PUR	500mm	W2750RED	500mm	W2750WHI	500mm	W2750YEL	500mm
W2751PNK	1.0 Metre	W2751PUR	1.0 Metre	W2751RED	1.0 Metre	W2751WHI	1.0 Metre	W2751YEL	1.0 Metre
W2748PNK	1.5 Metre	W2748PUR	1.5 Metre	W2748RED	1.5 Metre	W2748WHI	1.5 Metre	W2748YEL	1.5 Metre
W2752PNK	2.0 Metre	W2752PUR	2.0 Metre	W2752RED	2.0 Metre	W2752WHI	2.0 Metre	W2752YEL	2.0 Metre
W2744PNK	2.5 Metre	W2744PUR	2.5 Metre	W2744RED	2.5 Metre	W2744WHI	2.5 Metre	W2744YEL	2.5 Metre
W2753PNK	3.0 Metre	W2753PUR	3.0 Metre	W2753RED	3.0 Metre	W2753WHI	3.0 Metre	W2753YEL	3.0 Metre
W2754PNK	4.0 Metre	W2754PUR	4.0 Metre	W2754RED	4.0 Metre	W2754WHI	4.0 Metre	W2754YEL	4.0 Metre
W2755PNK	5.0 Metre	W2755PUR	5.0 Metre	W2755RED	5.0 Metre	W2755WHI	5.0 Metre	W2755YEL	5.0 Metre
W2760PNK	10 Metre	W2760PUR	10 Metre	W2760RED	10 Metre	W2760WHI	10 Metre	W2760YEL	10 Metre
W2765PNK	15 Metre	W2765PUR	15 Metre	W2765RED	15 Metre	W2765WHI	15 Metre	W2765YEL	15 Metre
W2770PNK	20 Metre	W2770PUR	20 Metre	W2770RED	20 Metre	W2770WHI	20 Metre	W2770YEL	20 Metre
W2775PNK	30 Metre	W2775PUR	30 Metre	W2775RED	30 Metre	W2775WHI	30 Metre	W2775YEL	30 Metre

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