

4Cabling RJ45-RJ45 CAT6 Ultra Thin

CAT6 Ultra Thin Cable LSZH Ethernet Cable



Our new Ultra Thin cables are a great option for high density patch panels, where every bit of space matters. All 4Cabling network cables are Fluke tested and are manufactured using gold-plated connectors which exceed Australian industry standards.

Features:

- 100% Copper
- 8 multi-strand conductors in 4 twisted-pair TS68A colour-coded configuration.
- Fitted with 50µ Category 6 compliant 2-row (staggered pin) plug
- Fully moulded strain-relief boot
- Low-profile flush moulded boots
- Strong and robust male-to-male connectors
- ISO/IEC 11801 Category 6
- TIA/EIA-568-C.2 Category 6 compliant
- 3 Year Warranty

Available Colours:

- Blue 
- Pink 
- Grey 
- Black 
- Orange 
- Yellow 
- Green 
- Red 
- White 
- Purple 



Lengths Available

0.15m; 0.25m; 0.5m; 0.75m 1m;
1.5m; 2m; 2.5m; 3m; 4m & 5m



GITC APPROVED



Electrical & Mechanical Characteristics

1.	Conductor Resistance	$\leq 5\Omega$
2.	Insulation Resistance	$\geq 10M\Omega$
3.	Insulation Resistance By Mated Connectors, Measured Between Terminations	$> 500M\Omega$
4.	Insulation Resistance By Mated Connectors	$\geq AC1000V$
5.	Characteristics Impedance	$100\pm 6\Omega @1-250MHz$
6.	Contact Resistance	Max. $20m\Omega$
7.	Resistance Unbalance	Max. 2%
8.	Voltage Rating	Max. 75V AC
9.	Dielectric Strength	1000V AC/1 minute min rms
10.	Ampacity	Max. 1.0 Amps
11.	Coupling Attenuation	40dB min @30-100MHz $40-20\log(f/100)$ @100-250MHz
12.	Transfer Impedance	N/A
13.	Durability	≥ 1200 matching cycles
14.	Cable to Plug Tensile Strength	Min. 9 Kgf (90N)
15.	Pulling Force	Max. 1 Kgf (10N)
16.	Performance Test	100% Component Tests By FLUKE DTX
17.	Industrial Standard	ISO/IEC 11801:2011 (Ed. 2.2) ANSI/TIA/EIA-568-C.2 EN 50173-1:2011 EN 50173-2:2007 incl. Amendment A1:2010

Environmental Characteristics

Transport & Storage	$-25^{\circ}C$ to $+70^{\circ}C$
Installation Temperature	$-10^{\circ}C$ to $+50^{\circ}C$
Operating Temperature	$-25^{\circ}C$ to $+60^{\circ}C$
Flame Test	Complies with IEC 60332-1-2



Transmission Characteristics				
Freq.	RL	NEXT	PS-NEXT	Prop. Delay
MHz.	(min. dB at 20°C)	(min. dB)	(min. dB)	(max.ms)
1	20.0	74.3	72.3	570
4	23.0	65.3	63.3	552
8	24.5	60.8	58.8	549
10	25.0	59.3	57.3	545
16	25.0	56.2	54.2	543
20	25.0	54.8	52.8	542
25	24.2	53.3	51.3	541
31.25	23.3	51.9	49.9	540
62.5	20.7	47.4	45.4	539
100	19.0	44.3	42.3	538
200	16.4	39.8	37.8	537
250	15.6	38.3	36.3	536

