



## Shielded Cat6 Cable

### Product Type:

Lan Cable

### Specification:

Design of cable:	
Inner conductor	Single bare copper 0.573mm dia $\pm 0.005$ mm
Insulation	HDPE
Insulation Dia	1.13mm dia $\pm 0.05$ mm
Core colours	WH-BU/BU WH-OG/OG WH-GN/GN WH-BN/BN
Drain wire	Single bare copper 0.573mm dia $\pm 0.005$
Jacket	PVC
Colour	Light grey
Size	7.3mm dia $\pm 0.2$ mm
Wall thickness	$\approx 0.7$ mm
Printing	By request
Electric data at 20°C	
Conductor resistance	$< 70.0$ Q/km
Insulation resistance	$> 5000$ MQ*km
Testing voltage	wire/wire 50Hz 1min=1.5KV
Impedance	100Q $\pm 15$ Q
Packing	305M/reel
Temperature range	-10°C ~ 60°C

Frequency Mhz	Impedance ohm	RL >dB/100M	ATT <dB/100M	NEXT >dB/100M	ELFEXT >dB/100M	PSNEXT >dB/100M	PSELFEXT >dB/100M	SKW <ns/100M	NVP
1	100 $\pm$ 15	20.0	2.03	74.3	68.0	72.3	65.0	< 45	66%
4		23.0	3.7	65.0	56.0	63.3	53.0		
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25.0	5.9	59.0	48.0	57.3	45.0		
16		25.0	7.5	56.0	43.9	54.2	40.9		
20		25.0	8.4	55.0	42.0	52.8	39.0		
25		24.3	9.5	53.3	40.0	41.3	37.0		
31.25		23.6	10.6	52.0	38.1	49.9	35.1		
62.5	100 $\pm$ 201	21.5	15.4	47.0	32.1	45.4	29.1		
100		20.1	19.8	44.0	28.0	42.3	25.0		
200		18.0	29.0	40.0	22.0	37.8	19.0		
250		17.3	32.8	38.3	20.0	36.3	17.0		