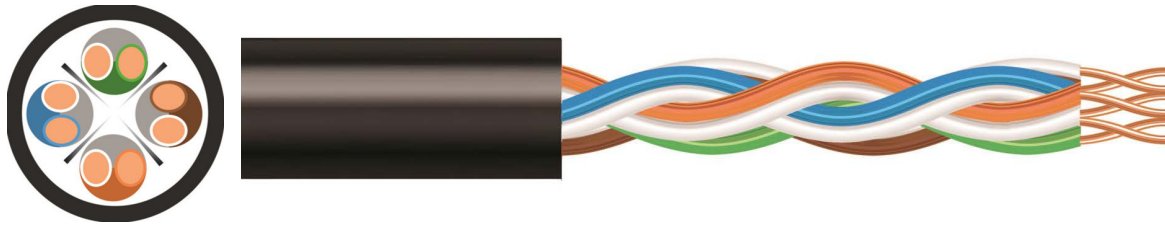


## CAT 6 UTP/PVC CABLE



Multi-pair cable for efficient data transmission. Category 6 is recommended for all fresh installations, boasting a broad frequency range of up to 250MHz and engineered to support transmission speeds of up to 1 gigabit per second (Gigabit Ethernet). Available in PVC or LSZH (for enhanced safety in case of fire)

<b>CONDUCTOR</b>	Plain Copper
<b>STRANDING</b>	Class 1
<b>INSULATION</b>	PE
<b>OUTERSHEATH COLOUR</b>	Black, Grey
<b>SHIELD</b>	UTP
<b>CORE IDENTIFICATION</b>	Pair 1: Blue, White/Blue Pair 2: Orange, White/Orange Pair 3: Green, White/Green Pair 4: Brown, White/Brown
<b>MINIMUM BENDING RADIUS</b>	Overall Bending Radius 4x
<b>OPERATING TEMPERATURE</b>	60°C
<b>STANDARDS</b>	ISO / IEC 11801, TIA 568C.2, YD/T1019

# SPECIFICATION DATA

## ELECTRICAL CHARACTERISTICS

Verocity Ratio %	Maximum Resistance of Conductor at 20°C ohms.km	Maximum Resistance Unbalance %
68	95	5

## PERFORMANCE CHARACTERISTICS

Frequency Mhz	Attenuation dB/100m	Next dB	Ps-Next dB	RL dB	Efext dB	Ps-Effect dB/100m	Phase Delay ns
1	2.03	74.3	72.3	20	67.8	64.8	570
4	3.78	65.3	63.3	23	55.8	52.8	552
8	5.32	60.8	58.8	24.5	49.7	46.7	546.73
10	5.95	59.3	57.3	25	47.8	44.8	545.38
16	7.55	56.2	54.2	25	43.7	40.7	543
20	8.47	54.8	52.8	25	41.8	38.8	542.05
25	9.51	53.3	51.3	24.3	39.8	36.8	541.2
31.25	10.67	51.9	49.9	23.6	37.9	34.9	540.44
62.5	15.38	47.7	45.4	21.5	31.9	28.9	538.55
100	19.80	44.3	42.3	20.1	27.8	24.8	537.6
200	28.98	39.8	37.8	18	21.8	18.8	536.54
250	32.85	38.3	36.3	17.3	19.8	16.8	536.27

## DIMENSIONS

BATT Part No	No. of Pairs	AWG	Radial thickness of insulation	Approx overall diameter	Weight
54267	4	23	1.02	6.1	40

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

[www.battcables.com](http://www.battcables.com) 01322 441165

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