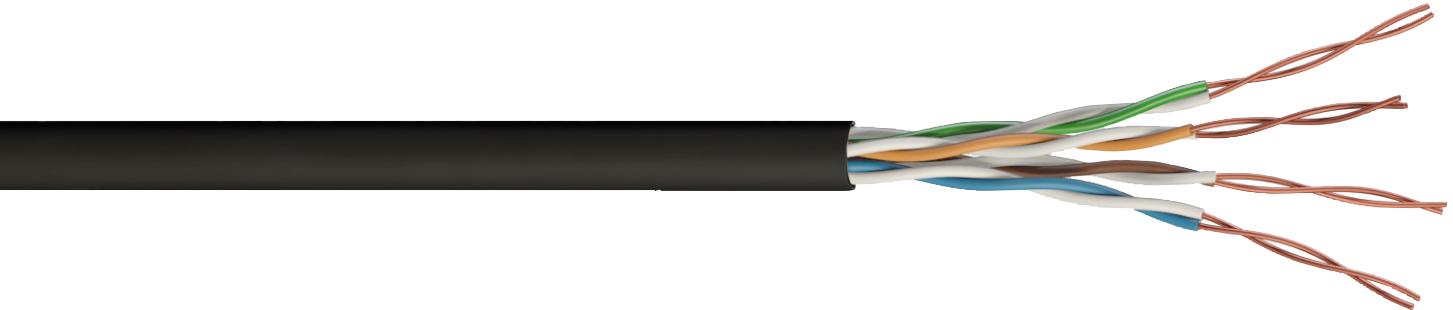


CAT5E UTP PE



Conductor: Solid Bare Copper, 24 AWG, $0.45 \pm 0.005\text{mm}$
Insulation HDPE: Thickness: AVG: 0.185mm, MIN: 0.17mm, $0.82 \pm 0.02\text{mm}$
Shielding: Each pair is twisted, unshielded
Rip Cord: Yes
Jacket: PE, Thickness AVG: 0.55mm, MIN: 0.5mm, Nominal O.D. $4.8 \pm 0.20\text{mm}$

Insulation colours are:

- Blue: White/Blue
- Orange: White/Orange
- Green: White/Green
- Brown: White/Brown

Frequency, MHZ	RL (dB) min.	Attenuation (dB/100m) max.	NEXT (dB)	ELFEXT (dB)
1	20.0	2.02	65.30	63.80
4	23.0	4.10	56.30	51.70
8	24.5	5.80	51.80	45.70
10	25.0	6.50	50.30	43.80
16	25.0	8.20	47.30	39.70
20	25.0	9.30	45.80	37.70
25	24.3	10.40	44.30	35.80
31.25	23.6	11.70	42.90	33.90
62.5	21.5	17.00	38.40	27.80
100	20.1	22.00	35.30	23.80

Frequency, MHZ	PSNEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	62.30	60.80	100 ± 15
4	53.30	48.70	100 ± 15
10	47.30	40.80	100 ± 15
16	44.20	36.70	100 ± 15
20	42.80	34.70	100 ± 15
31.25	39.90	30.90	100 ± 15
62.5	35.40	24.80	100 ± 15
100	32.30	20.80	100 ± 15

Characteristics

- Max. Conductor DC Resistance at 20°C (Ω/Km): <115
- Rated Voltage: 300V
- Rated Temperature: 75°C
- Velocity Ratio: 66%

COLOUR



The British Cable Company You Can Trust



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