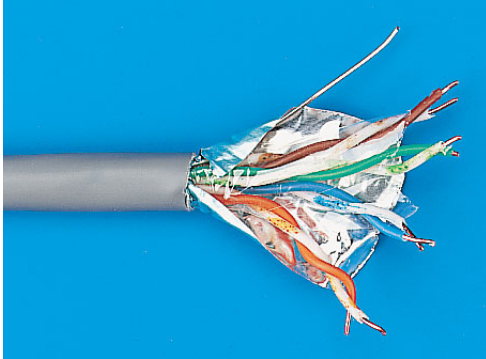


Category 5 Cables

Cat 5E - FTP

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Quality Cables



Features:

- Four twisted pairs of 24 AWG plain Copper conductors.
- Foil screened.
- Grey PVC sheath.
- Meets the Category 5 electrical parameters defined in ISO11801 and TIA/EIA568.

Mechanical Data

Inner Conductor	: 0.52mm plain copper.
Insulation	: 1.02mm foamed polyethylene.
Screen(s)	: Overall aluminium/polyester tape, longitudinally applied, aluminium side, in with a 0.40mm tinned copper drain wire applied under the screen.
Construction	: 4 twisted pairs cabled together and wrapped with polyester tape. Colour Code: Pair 1 BE-WE/BE Pair 2 OE-WE/OE Pair 3 GN-WE/GN Pair 4 BN-WE/BN
Jacket	: PVC.
Temperature range	: -20°C to +70°C minimum bending radius 60mm.

Electrical Data

Capacitance(s)	: 46pF/m.
Inner Conductor(s)	: 94 ohms/km.
Velocity Ratio	: 76%.
Dielectric Strength at 50Hz	: 1 (kV/1 minute).

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Attenuation

F (MHz)	dB/100m
1.000	2.00
4.000	3.90
8.000	5.60
10.000	6.30
16.000	8.00
20.000	9.00
31.250	11.30
62.500	16.50
100.0	21.30
120.0	23.60
130.0	24.65

Near End Crosstalk

F (MHz)	dB
1.000	65
4.000	56
8.000	51
10.000	50
16.000	46.9
20.000	45.5
31.250	42.6
62.500	38.1
100.0	35.0
120.0	33.8
130.0	33.2

Part Number Table

Impedance (Ω)	Resistance per Unit Length (Ω/km)	Overall Diameter	Part Number
100 \pm 15	98.6	6.0 \pm 0.30	CBBR6332

Dimensions : Millimetres

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Notes:

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