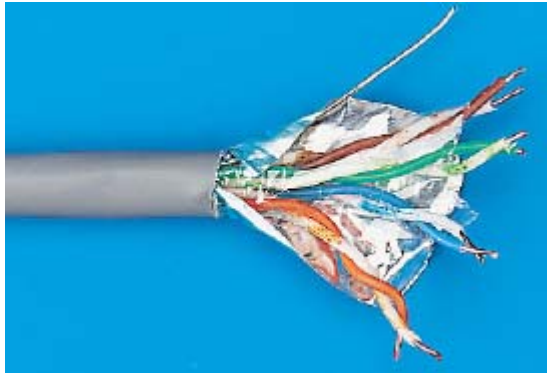


Category 5 Cable

Cat 5E - FTP



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	: 0.52 mm plain copper
Insulation	: 1.02 mm foamed polyethylene
Screen (s) tinned	: Overall aluminium / polyester tape, longitudinally applied, aluminium side, in with a 0.4 mm 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 60 mm

Electrical Data

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

Attenuation

F (MHz)	dB / 100 m
1	2
4	3.9
8	5.6
10	6.3
16	8
20	9
31.25	11.3
62.5	16.5
100	21.3
120	23.6
130	24.65

Category 5 Cable

Cat 5E - FTP

pro-POWER

Near End Crosstalk

F (MHz)	dB
1	65
4	56
8	51
10	50
16	46.9
20	45.5
31.25	42.6
62.5	38.1
100	35
120	33.8
130	33.2

Specification Table

Impedance (Ω)	Resistance per Unit Length (Ω / km)	Overall Diameter	Part Number
100 \pm 15	98.6	6 \pm 0.3	CBBR6332

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