

## Category 5e UTP 24AWG PE



### Construction

Material	Solid Bare Copper
Conductor Dia. (mm)	1/0.48± 0.01
Size	24AWG

### Insulation

HDPE

Thickness	Min 0.18mm - Max - 0.20mm
Insulation Dia.	0.86 ± 0.002mm

### Core Colours

Blue/White/Blue, Orange/White/Orange, Green/White/Green, Brown/White/Brown

### Jacket

Material	PE
Thickness	Min 0.55mm - Max 0.65mm
Diameter	5.0 ± 0.3

### Jacket Colour

Black RAL9005

### Electrical Characteristics

Spark Test	2000 ± 250 VOC
Conductor Resistance	Max 9.50 Ω/100m at 20°C
Resistance Unbalance	Max 5%
Capacitance Unbalance	Max 330pF/100m
Mutual Capacitance	Max 560pF/100m
Impedance	0.772-100MHz 100 Ω ± 15

### Our Other Products Include

#### Networking Cable

- Cat5E FTP (100 MHz)
- Cat6 UTP/FTP (250 MHz)
- Cat6A U/FTP (500 MHz)
- Cat7 S/FTP (600 MHz)

#### Data Cabinets

- Wall & Floor Standing Cabinets
- Server Cabinets

### Technical Performance (100m):

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	Next Power Sum (dB/100m)
1	20.0	2.0	65.3	62.3
4	23.0	4.1	56.3	53.3
8	24.0	5.8	51.8	48.8
10	25.0	6.5	50.3	47.3
16	25.0	8.2	47.3	44.3
20	25.0	9.3	45.8	42.8
25	24.2	10.4	44.3	41.3
31.25	23.3	11.7	42.9	39.9
62.5	20.7	17	38.4	35.4
100	19.1	22	35.3	32.3