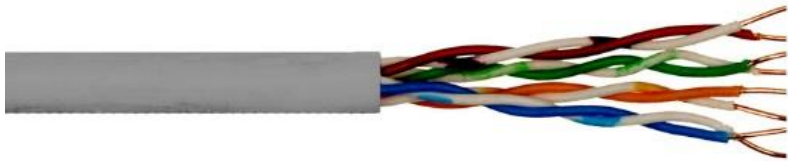


Category 6 UTP 23 AWG PVC GREY



Construction

Material	Solid Bare Copper
Conductor Dia. (mm)	23 AWG 0.55 ±0.01mm
Insulation	Polyethylene
External Dia.	6.25mm ±0.2 mm
Material	PVC
Colour	Grey RAL7004
Rip Cord	0.51 Tinned Copper

Core Colours

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

Electrical Characteristics

Impedance(Ω) : (1-100MHz)	100 ±15Ω
DC Loop Resistance	<18.0Ω/100m
Resistance Unbalance	<2%
Capacitance Unbalance To Earth	<1600pF/km
Nominal Velocity Of Propagation	67%
Propagation Delay (Nominal)	<535ns/100m
Conductor/Conductor	1000V
Insulation Resistance (500V D.C)	<5000MΩ.km
Coupling Attenuation	>40dB

Mechanical

Operation	-20°C to +60°C
Installation	0. °C to + 50°C
Storage	-20°C to 70°C
Installation	8 X Cable Diameter
Installed	4 X Cable Diameter
Max Tensile Force During Installation.	100N

Test Standard ISO/IEC 11801 2ND Edition TIA/EIA 568-B.2 EN 50173 IEC
IEC 61156-5 EN 50288-3-1

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)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB/100m)
1	20.0	2.1	78.0	71.6
4	23.0	3.8	69.0	65.2
10	25.0	6.0	63.0	57.0
16	25.0	7.6	60.0	52.3
20	25.0	8.5	59.0	50.0
31.25	23.6	10.7	56.0	45.0
62.5	21.5	15.1	51.0	36.0
100	20.1	19.9	48.0	28.9
155.5	18.8	23.8	45.0	21.3
175	18.4	25.3	44.0	19.1
200	18.0	27.0	44.0	16.5
250	17.3	32.0	42.0	10.0

Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	75.0	82.0	80.0
4	66.0	70.0	68.0
10	60.0	62.0	60.0
16	57.0	58.0	56.0
20	56.0	56.0	54.0
31.25	53.0	52.0	50.0
62.5	48.0	46.0	44.0
100	45.0	42.0	40.0
155.5	42.0	38.0	36.0
175	41.0	37.0	35.0
200	41.0	36.0	34.0
250	39.0	34.0	32.0