

Part Number: C05-A1U22S5P/GY
CAT5 25 Pair UTP Solid Grey PVC

Cable Construction**Conductor**

Material Solid Bare Copper
Construction 1x0.51 ±0.10mm

Insulation

Material SPE
Diameter 0.91mm (±0.10mm)x2x25

Jacket

Nominal Overall Diameter 12.0mm (±0.50)mm
Material FR-PVC

Electrical Characteristics

Max conductor DC resistance at 20°C (Ω/100m) 10.55
Min insulation DC resistance at 20°C (MΩ*KM) 200
Impedance 1-100MHz 100 (±15) Ω
Rated Voltage 300V

Colour Coding

Black/blue, black/orange, black/green, black/brown, yellow/orange, yellow/green, brown/violet, white/green, white/orange, red/blue, red/orange, grey/black, yellow/blue, yellow/brown, yellow/grey, violet/blue, violet/orange, violet/green, violet/grey, white/blue, white/brown, white/grey, red/green, red/brown, red/grey

Frequency	Attenuation @ 20°C (-dB/100m)(±15%)	RL(dB)	NEXT (dB) Min
1.0MHz	2.0	17	62.3
4.0MHz	4.1	18.8	53.3
8.0MHz	5.8	19.7	48.8
10.0MHz	6.5	20.0	47.3
16.0MHz	8.2	20.0	44.3
20.0MHz	9.3	20.0	42.8
25.0MHz	10.4	19.3	41.3
31.25MHz	11.7	18.6	39.9
62.5MHz	17.0	16.5	35.4
100MHz	22	15.1	32.3