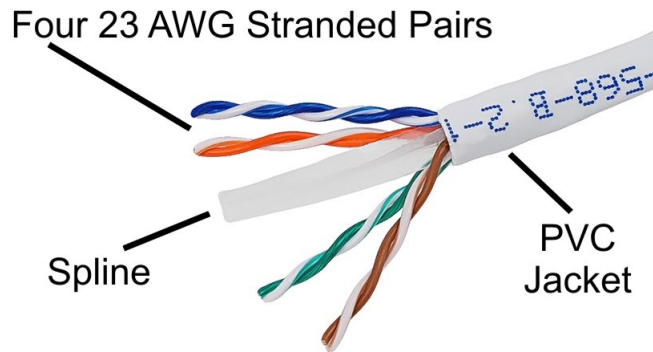




CAT6S-G

Category 6 UTP Indoor / Outdoor Cable



CAT6 cable is a higher bandwidth cable than CAT5 or CAT5e cables and is used in the same applications. It's higher bandwidth makes its performance in data transfer superior to older CAT5 type cables. It uses the same technology of twisting the cable pairs to reduce crosstalk and noise. At 250 MHz bandwidth it has twice the speed of CAT5e and it meets all TIA specifications.

Packaged in a 1000' dispenser carton, the cable is ideal for any data cabling installation that doesn't require plenum cables.



Ordering Information

Model	Description
CAT6S-G	CAT6 UTP Indoor / Outdoor Cable, Grey Jacket

Category 6 UTP Indoor / Outdoor Cable

Specifications

Applications

Telephony Voice Wiring, Network T Base 10 / 100 / 1000, UL Subject 444, EIA / TIA568 & ISO / IEC 11801

Construction

Center Conductor: 4 pairs 0.0226" (23 AWG) bare copper
Dielectric: 0.0403" PE
Separator Cross: PE
Outer Jacket: 0.248" PVC

Electrical Characteristics at 20°C

Conductor Resistance (Max): 98.6 Ω / km
Insulation Resistance (Min): 5000 M Ω / km
Capacitance: < 55 pF / m
Impedance: 100 Ω (\pm 15%)

Transport & Storage

Temperature: 0 +50°C
Operating Temperature: -20 to +65°C

Performance Characteristics

Frequency	Attenuation / 100m (MAX)	NEXT (MIN)	PS-NEXT	ELFEXT	PS-ELFEXT	Return Loss
1 MHz	1.9 dB	72 dB	69 dB	68 dB	65 dB	20 dB
10 MHz	5.9 dB	65 dB	62 dB	53 dB	50 dB	23 dB
16 MHz	7.5 dB	61 dB	58 dB	48 dB	45 dB	26 dB
25 MHz	9.3 dB	55 dB	52 dB	45 dB	42 dB	25 dB
40 MHz	12.1 dB	53 dB	50 dB	42 dB	39 dB	23 dB
60 MHz	14.8 dB	52 dB	49 dB	35 dB	32 dB	22 dB
100 MHz	19.3 dB	50 dB	47 dB	31 dB	28 dB	22 dB
150 MHz	23.6 dB	43 dB	40 dB	28 dB	25 dB	19 dB
200 MHz	27.5 dB	40 dB	37 dB	24 dB	21 dB	18 dB
250 MHz	30.6 dB	38 dB	35 dB	21 dB	18 dB	18 dB

• PVC - Polyvinylchloride • AWG - American Wire Gauge • AL / PE - Aluminum / Polyethylene