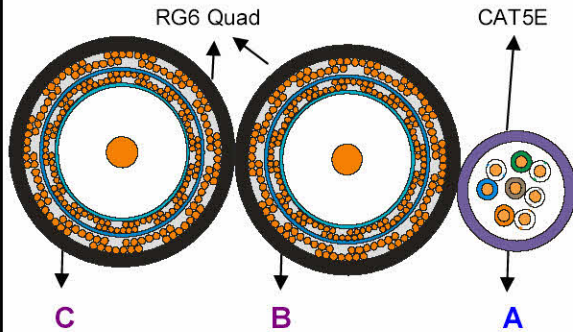


75 ohm 2xRG-6/U Quad Shield + 1xCAT5E Triamese Cable

RoHS compliance

Part / Model Number : HNC-5-500-GY / AL-HNC-5

CROSS SECTION



CONSTRUCTION

	A	B & C
Conductor	B. Copper	B. Copper
Diameter (+/-0.02mm)	0.510	1.020
Insulation		FPE
Diameter (+/-0.10 mm)	0.91	4.57
First Shielding (mm)		AL/P-Foil(Bonded) 17x0.022mm
First Braiding		AL Wire Braid
Construction (+/- 0.01 mm)		0.16mm x64
Coverage		60%
Picks/dm		20
Lay length (mm)		40
Second Shielding (mm)		AL/P/AL-Foil 31x0.029mm
Second Braiding		AL Wire Braid
Construction (+/- 0.01 mm)		0.16mm x48
Coverage		40%
Picks/dm		20
Lay length (mm)		40
Jacket	PVC x 1	PVC x 2
Outer Dia (+/-0.1mm)	5.50	7.62+7.62
Color	Grey	Grey
Length	500 Ft / Plywood Drum or as per Contract	

One CAT 5E UTP Solid 350MHz LAN Cable 24AWG 4Pairs
 Complies to TIA/EIA-568-B.2 & IEC / ISO 11801
 24AWG Solid Bare Copper Conductor/PE Insulation
 Please see attachment-1 / Page 2 of 2 for details

All specifications are subjected to change without prior notice.

PROPERTIES

Min. Bending Radius:		
Loaded		20 Times Cable OD
Unloaded		10 Times Cable OD
Max. Pulling Tension	126	LBS
Rated Temperature (°C)		-20~+75

ELETRICAL CHARACTERISTICS

Characteristic Impedance	75	+/- 3 ohm
Capacitance	52	pF/m
Velocity Ratio		81%
DCR : Conductor	< 21	ohm / km
DCR : Shielding	< 19	ohm / km
Sparker	4000	VCA
Dielectric Strength	2500	VCA
Return loss	5 - 470MHz	23 dB
	470 - 1000MHz	20 dB
	1000 - 2200MHz	20 dB

Attenuation at 20 C (dB/100m) for RG-6/U Quad

1.00	0.67
3.60	1.19
10.00	1.99
71.50	5.42
135.00	7.53
270.00	10.83
360.00	12.61
720.00	18.31
1000.00	21.92
1500.00	27.46
2000.00	32.31
2250.00	36.71
3000.00	40.80

Cable Description for RG-6/U Quad Shield

Reference Standard

SCTE IPS-SP-001, UL1655, UL13, UL444
 UL : CMX, CMG, CM, CMR