

RGSMART CABLE 1xRG6/U60% + 1xCAT5e Siamese

1) Description

1x RG6/U60% 18AWG coaxial cable, solid CCS conductor
 1x 4-pair CAT5e cable, solid copper conductors
 Flame retardant PVC jacket
 UL or ETL Listed – CM Rated

2) Physical Dimensions

1xRG6/U60%

1. Center Conductor:-----18AWG 1.02±0.0102mm Bare CCS
2. Dielectric:----- 4.57±0.13mm Foam PE
3. First shield: ----- Bonded AL foils
Average core dia.: ----- 4.78±0.13mm
4. Second shield: ----- 60% AL Braiding
5. Outer Jacket: ----- Flame Retardant PVC.
6. Jacket O.D.:----- 0.295±0.005 inch (7.5±0.13mm)

1xCAT5e

1. Conductors:-----24AWG Solid Bare Copper
2. Insulation:----- HDPE
3. Insulation O.D.:-----0.92±0.01mm
4. Color Code ----- White/Blue, White/Orange,
White/Green, White/Brown
5. Jacket: -----0.022 inch (0.55mm) Flame Retardant
White PVC
6. Jacket O.D.:----- 0.200±0.004 inch (5.10±0.10mm)



3) Electrical Characteristics of RG6/U60%

RG6 QUAD Impedance: -----75±3Ω
 RG6 QUAD Capacitance: -----52±3 pF/m
 RG6 QUAD Velocity of Propagation: -----81%

4) RG6/U60% Attenuation

Attenuation	@68°F. (20°C)
Frequency (MHz)	Max. (dB/100m)
55	5.3
211	10
300	11.6
450	14.4
550	16.1
750	18.4
1000	21.5

5) Electrical Characteristics of CAT5e:

Frequency MHZ	Attenuation dB (100m)	PSNEXT dB (100m)
4	4.1	53
10	6.5	47
16	8.2	44
31.25	11.7	39
62.5	17.0	35
100	22.0	32

6) Cable Marking:

RGSMARTSIAMESE RG6/U 60% 3.0GHZ 18AWG AND UTP CAT5E 24AWG 350MHZ (UL) OR C(UL)
 Exxxxxx CM PRIORITY WIRE <YEAR><Footage>

1-800-945-5542