

TECHNICAL DATA SHEET

RG59B/U, 75 Ohm Coaxial Cable

1. CONSTRUCTION

CENTER CONDUCTOR:	23AWG COPPER CLAD STEEL (CCS) NOMINAL DIAMETER: 0.57mm (0.022")
DIELECTRIC:	SOLID POLYETHYLENE (SOLID PE) NOMINAL DIAMETER OVER DIELECTRIC: 3.70mm (0.146")
SHIELD:	128*0.12mm, 90% BARE COPPER WIRE BRAID NOMINAL DIAMETER OVER BRAID: 4.18mm (0.165")
JACKET:	PVC JACKET NOMINAL DIAMETER OVER JACKET: 6.05mm (0.238") NOMINAL JACKET THICKNESS: 0.93mm (0.037")



2. ATTENUATION

Attenuation	[@68° F. (20° C.)]	
	Frequency (MHz)	Maximum (dB /100 ft.)
5	0.76	2.5
10	1.07	3.3
50	2.38	7.8
100	3.36	11.0
200	4.91	16.1
500	8.05	26.4
700	9.70	31.8
1000	11.93	39.1

3. ELECTRICAL CHARACTERISTICS

IMPEDANCE:	75 • 3 Ω
VELOCITY OF PROPAGATION:	82%
CAPACITANCE:	72±3 pF/M
DCR OF INNER CONDUCTOR:	210 Ω/KM
DCR OF OUTER CONDUCTOR:	13 Ω/KM

4. APPROVAL

