

TECHNICAL DATA SHEET

RG11A/U, 75 Ohm Coaxial Cable

1. CONSTRUCTION

CENTER CONDUCTOR: 7X0.40mm STRANDED TINNED COPPER
NOMINAL DIAMETER OVER STRAND: 1.20mm

DIELECTRIC: SOLID POLYETHYLENE (SPE)
NOMINAL DIAMETER OVER DIELECTRIC: 7.24mm

SHIELD: 192*0.14mm, 94% BARE COPPER WIRE BRAID
NOMINAL DIAMETER OVER BRAID: 7.80mm

JACKET: LSZH
NOMINAL DIAMETER OVER JACKET: 10.30mm
NOMINAL JACKET THICKNESS: 1.25mm



2. ATTENUATION

Attenuation	[@68° F. (20° C.)]	
Frequency (MHz)	Maximum (dB /100 ft.)	Maximum (dB /100 m)
1	0.20	0.66
10	0.70	2.30
50	1.30	4.26
100	2.03	6.66
200	2.90	9.51
400	4.20	13.77
700	5.80	19.02
900	6.80	22.29
1000	7.10	23.28

3. ELECTRICAL CHARACTERISTICS

IMPEDANCE: 75±3 OHM
VELOCITY OF PROPAGATION: 66%
CAPACITANCE: 67±3 pF/M
DCR OF INNER CONDUCTOR: 20 OHM/KM
DCR OF OUTER CONDUCTOR: 7.5 OHM/KM

4. APPROVAL

