

TECHNICAL DATA SHEET

RG213U, 50 Ohm COAXIAL CABLE



1. CONSTRUCTION

CENTER CONDUCTOR: 7X0.75mm SOLID BARE COPPER, STRANDED
NOMINAL DIAMETER OVER STRAND: 2.25mm

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

SHIELD: 24x8x0.14mm BARE COPPER BRAID, 95% BRAIDING COVERAGE
NOMINAL DIAMETER OVER BRAID: 7.80mm

JACKET: LSZH JACKET, OPTIONAL JACKET COLOR
NOMINAL DIAMETER OVER JACKET: 10.30mm
NOMINAL JACKET THICKNESS: 1.25mm

2. ATTENUATION

Attenuation Frequency (MHz)	[@68° F. (20° C.)]	
	Maximum (dB /100 ft.)	Maximum (dB /100 m)
10	0.58	1.90
50	1.28	4.20
100	1.82	5.97
200	2.58	8.47
400	3.78	12.40
700	5.14	16.84
900	5.91	19.37
1000	6.27	20.56

3. ELECTRICAL CHARACTERISTICS

IMPEDANCE: 50±2 Ω
VELOCITY OF PROPAGATION: 81%
CAPACITANCE: 101±3 pF/M
DCR INNER CONDUCTOR: 4.0 Ω/KM
DCR OUTER CONDUCTOR: 7.6 Ω/KM

4. APPROVAL

