

---

---

## RG6U QUAD COAXIAL CABLE

### 1. CONSTRUCTION

CENTER CONDUCTOR:	18 AWG COPPER CLAD STEEL (CCS) NOMINAL DIAMETER: 1.02mm (0.040")
DIELECTRIC:	GAS EXPANDED POLYETHYLENE (FOAM PE) NOMINAL DIAMETER OVER DIELECTRIC: 4.57mm (0.180")
SHIELD:	1 <sup>ST</sup> SHIELD: BONDED AL/PET TAPE NOMINAL DIAMETER OVER TAPE: 4.75mm (0.187") 2 <sup>ND</sup> SHIELD: 80X36 AWG ALUMINUM WIRE BRAID, 60% COVERAGE 3 <sup>RD</sup> SHIELD: AL/PET/AL TAPE 4 <sup>TH</sup> SHIELD: 48X36 AWG ALUMINUM WIRE BRAID, 40% COVERAGE
JACKET:	PVC JACKET NOMINAL DIAMETER OVER JACKET: 7.40mm (0.291") NOMINAL JACKET THICKNESS: 0.76mm (0.030")



### 2. ATTENUATION

Attenuation		[ @68° F. (20° C.) ]		Attenuation		[ @68° F. (20° C.) ]		
Frequency (MHz)	Maximum (dB /100 ft.)	Maximum (dB /100 m)	Frequency (MHz)	Maximum (dB /100 ft.)	Maximum (dB /100 m)	Frequency (MHz)	Maximum (dB /100 ft.)	Maximum (dB /100 m)
5	0.58	1.90	500	4.66	15.09			
55	1.60	5.25	550	4.90	16.08			
83	1.95	6.40	600	5.10	16.73			
187	2.85	9.35	750	5.65	18.54			
211	3.05	10.00	865	6.10	20.01			
250	3.30	10.82	1000	6.55	21.49			
300	3.55	11.64	1450	7.98	26.16			
350	3.85	12.63	1800	8.46	27.73			
400	4.15	13.61	2100	9.50	31.15			
450	4.40	14.43	2250	10.00	34.03			

### 3. ELECTRICAL CHARACTERISTICS

IMPEDANCE:	75 ± 3 OHM
VELOCITY OF PROPAGATION:	85%
CAPACITANCE:	54 ± 3 pF/M

### 4. APPROVAL



UL Listed: CMX, CM, CMR