



Series 213 Coaxial Cable
 Stranded Bare Copper Conductor
 Solid Polyethylene Dielectric
 95% Bare Copper Braid Screen
 PVC Jacket

Cable Ordering Information

Part Number	Standards
RG213/U	MIL-C-17, IEC 60332-1

Characteristics

Material	Detail	inches	mm
Inner Conductor	Stranded Bare Copper	7/0.0296	7/0.752
Dielectric	Solid Polyethylene	0.285	7.24
1 st Outer Conductor	95% Bare Copper Braid	0.320	8.14
Jacket	Black PVC	0.406	10.30

Mechanical Specifications	
Minimum Bend Radius	1.500 38.20

Electrical Specifications

Characteristic Impedance, Ω	50 \pm 3	
Velocity of Propagation, %	66	
Capacitance, Nominal	30.48 pF/ft	100 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	1.78	5.83

Attenuation, Maximum @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
10	0.610	2.00
50	1.600	5.25
100	2.103	6.90
300	3.901	12.80
400	4.694	15.40
500	5.200	17.06
1000	9.001	29.53

Print Legend: **DRAKA RG-213/U MIL-C-17 PVC 50 OHM COAXIAL CABLE**