

Section 10

COAXIAL CABLE and FITTINGS

Updated 23 February 2011

RG213 MIL SPEC Coaxial Cable RF MAX Brand, 50 Ohm



RG213 is a common everyday cable useful for both VHF and UHF applications.

Our RF MAX brand 50 ohm RG213 MIL SPEC coaxial cable is available in either cut lengths or at a reduced price per metre by the full roll.

For cut lengths per metre the Order Code is **7800**.

A full 100 metre roll is available. Order **7800-100**.

Enquire regarding the availability of the large 305 metre roll. The Order Code is **7800-300**.



Construction Specifications, RF MAX RG213 Cable (7800)

Centre Conductor	Bare Copper, 7 Strand x 0.75 mm
Dielectric	Solid Polyethylene (PE), 7.24 mm diameter
Outer Conductor	Bare Copper Braid
Jacket	Black Polyethylene, 10.30 mm outside diameter

Mechanical Specifications

Minimum Bend Radius	55.5 mm
Weight	15.3 kg per 100 metres
Operating Temperature	-40°C to +85°C

Electrical Specifications

Impedance	50 Ohms (± 2 Ohms)
Maximum Frequency	1 GHz
Nominal Capacitance	100.7 pF/m
Velocity of Propagation	66 %

Attenuation	Per 100 metres	Maximum Power
Frequency 50 MHz	4.80 dB	1500 Watts
100 MHz	6.68 dB	975 Watts
400 MHz	14.19 dB	450 Watts
700 MHz	22.00 dB	300 Watts
900 MHz	26.57 dB	250 Watts
1000 MHz	27.50 dB	230 Watts