

## RG213

### MIL-SPEC 50 Ohm coaxial cable

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

This coaxial cable is available in 100m or 300m roll, please consult ZCG for more information.

Specifications	RF MAX RG213 7800	
Order code 100m roll	7800-100	
Order code 300m roll	7800-300	
Centre conductor	Bare copper, 7 strand x 0.75mm	
Dielectric	Solid Polyethylene (PE), 7.24mm	
Outer conductor	Bare copper braid	
Jacket	Black polyethylene, 10.30mm outside diameter	
Mechanical specifications		
Minimum bend radius	55.5mm	
Weight	15.3Kg per 100 metres	
Operating temperature	-40°C to +85°C	
Electrical specifications		
Impedance	50 Ohm ( $\pm 2$ Ohm)	
Maximum frequency	1 GHz	
Nominal capacitance	100.7 pF/m	
Velocity of propagation	66%	
Attenuation	Per 100 metres	Maximum power
50MHz	4.80dB	1500 Watts
100MHz	6.68dB	975 Watts
400MHz	14.19dB	450 Watts
700MHz	22.00dB	300 Watts
900MHz	26.57dB	250 Watts
1GHz	27.50dB	230 Watts

