



# M O O N R A K E R

## ANTENNA CABLES AND ANTENNA WIRE

- **56/0.30 Tinned copper HV silicone insulated antenna feed line (flexible)**  
High temperature cable to 150°C

Power Capability	0.6 to 1kV
Inner Conductor	56/0.30 mm, single core
Area	4.0 mm <sup>2</sup> nominal
Sheath OD	4.70 mm nominal

- **RG58C/U 50W quality cable with tinned braid**  
Low loss general purpose RF/Computer coaxial cable to Military spec

Impedance	50Ω
Inner conductor	17/0.19 mm tinned copper wire
Dielectric	2.95 mm Solid PE (polyethylene)
Screen	0.12 mm/112 tinned copper braid screen
Sheath OD	4.95 mm NC PVC (UV stabilised and non contaminating)
Capacitance	100 pF/m
Attenuation	24.4 dB/100m at 200 MHz

Indicative  
Performance

Frequency MHz	Transmission dB	Return Loss dB
50	-9.55	-16.15
100	-13.01	-16.5
200	-19.5	-16.48
500	-32.94	-18.92
600	-42.4	-19.66
1000	-45.22	-23.02
1750	-49.71	-18.32
2000	-43.38	-15.52

- **RG59B/U 75W quality cable for receivers to 800 MHz**

<b>Standard</b>	AS1125, AS1574, AS1660, MIL-C-17/28D
<b>Impedance</b>	75Ω
<b>Inner conductor</b>	7/0.25 mm tinned copper wire (22 AWG)
<b>Dielectric</b>	3.71 mm Foam PE (polyethylene)
<b>Screen</b>	0.15 mm tinned copper braid with 93% coverage
<b>Sheath OD</b>	6.15 mm NC PVC (UV stabilised and non contaminating)
<b>Capacitance</b>	56 pF/m

<b>Attenuation</b>	<b>Frequency</b>	<b>dB/100m</b>
	50	7
	200	15
	700	30
	1000	36

- **7/1.04 Multi-strand hard drawn copper cable for long wire antennas:**  
7 strands x 1.04mm dia