



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 mm² 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**

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

Attenuation	Frequency	dB/100m
	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