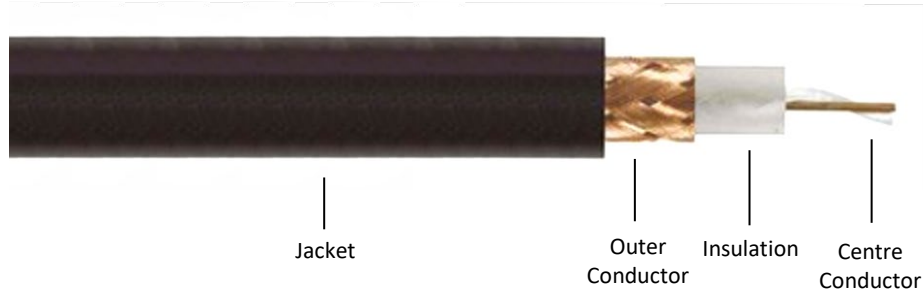


## DATASHEET

SKU: 05623

### Benelec 100m RG62A/U 93 Ohm Spool



### CONSTRUCTION

	Material	Number of Strands	OD	Tolerance	Pitch
Centre conductor	Copper Clad Steel	1	0.643	±0.01	N/A
Insulation:(Dielectric)	Semi-solid PE	N/A	3.71	±0.13	12.7mm
Shield	Copper Braid Min 95%	7/16/0.16mm			8.2 ppi
Jacket (Sheath)	NCPVC, Black	N/A	6.15	±0.20	N/A
Flexibility	Plasticiser 65p	Jacket must be smooth and regular. There must be no breaks or joins in any spool.			

### MECHANICAL CHARACTERISTICS

Net Cable Weight	3.6 Kgs/100M
Cable Weight (incl spool)	3.8 Kgs/100M
Max recommended pulling tension	245N
One Time Minimum Bend Radius	63.5 mm
Crush resistance of cable (load of 700N)	< 1%
Storage Operating Temperature	-40°C to +80°C

### ATTENUATION

Frequency (MHZ)	dB/100M
10	2.95
50	6.2
100	8.9
200	12.47
400	17.4
1000	28.54

### ELECTRICAL CHARACTERISTICS

Capacitance	47.57 pF/m
Impedance	93 Ω ± 5
Velocity of Propagation	83%
RF Shielding	45 dB
Maximum Operating Frequency	1000 MHz
DCR Inner Conductor	<260 Ω/km
DCR Outer Conductor	<9 Ω/km

### CABLE MARKINGS

**05623 Benelec 93Ω RG62A/U to Mil-C-17-D Batch No XXXXX Mtrs XXXXX**

Every meter is Marked/Printed on the cable.

### PACKAGING

Inventory Code	Jacket Colour	Spool Size	Qty/Carton	Pallet
05623	Black	100 metres	4	48 Cartons

Website: benelec.au