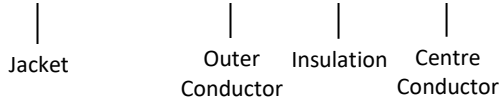


## DATASHEET

PART NO: 05616BK

Coax RG58B/U Black 75 Ohm 100m /m



### CONSTRUCTION

	Material	Construction	OD	Pitch
Centre conductor	Copper Clad Steel	1/0.584mm	0.584	N/A
Insulation: (Dielectric)	Polyethylene	Solid	3.71mm	N/A
Shield	Copper Wire Braid	7/16/0.16mm	N/A	8.2 ppi
Jacket (Sheath)	Non-Contaminating UV Stable PVC	Extruded	6.15mm	N/A

### MECHANICAL CHARACTERISTICS

Cable Weight (incl. spool)	6.25 Kgs/100M
Operating Temperature	-40°C to +80°
Min Bending Radius	25 mm

### ELECTRICAL CHARACTERISTICS

		Frequency (MHZ)	dB/100M	Watts
Capacitance	72.2pF/M			
Impedance	75 Ω Nom.			
Velocity of Propagation	66%	30	6.1	560
Conductor DCR	35.4 Ohms/km	100	10.3	290
Shield DCR	13.45 Ohms/km	200	14.7	190
Nom. Inductance	0.194 uH/m	400	21.3	105
Peak Power	16 kW	500	24.0	89
Nominal Delay	5.05 ns/mtr	800	31.2	72
Maximum Operating Voltage	1400v RMS	1000	35.5	60

### PACKAGING

Inventory Code	Jacket Colour	Spool Size	Spool Type	Spool Dimensions	Weight
05616BK	Black	100 m	Cardboard	297 mm x 297 mm ± 2 mm	6.25 Kgs