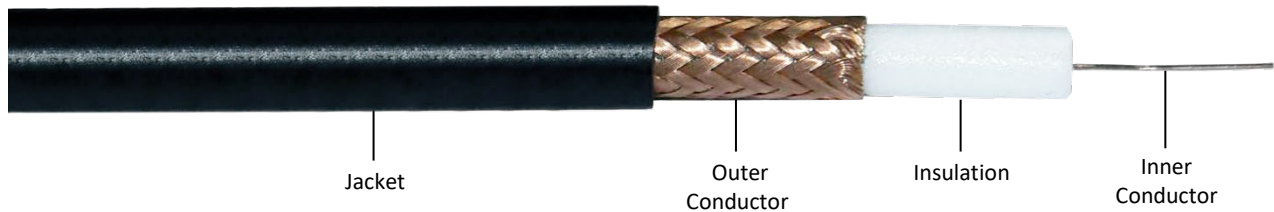


DATASHEET

PART NO: 05624

COAXIAL CABLE RG63BU 125 Ω



CONSTRUCTION

	Material	Diameter
Centre Conductor	Copper Clad Steel	0.635 mm ± 0.008 mm
Insulation (Dielectric)	Foam Polyethylene (PE)	7.25 mm ± 0.01 mm
Outer Conductor	Bare Copper Braid	95 % Coverage
Jacket (Sheath)	Black PVC	10.3 mm ± 0.2 mm

MECHANICAL CHARACTERISTICS

Net Cable Weight	20.6 kg per 100 m
Operating Temperature	-15 °C to +75 °C

ELECTRICAL CHARACTERISTICS

Impedance	125 Ω ± 3 Ω
Frequency	DC ~ 1 GHz – unswept
Conductor DC Resistance	135 Ohm / km
Dielectric Voltage Resistance	5.5 kV
Sheath Voltage Resistance	5.0 kV
Nominal Capacitance	32 pF/m ± 10 %

ATTENUATION AND AVERAGE POWER

Frequency (MHz)	dB / 100 M
10	1.75
50	3.8
100	5.2
200	7.85
400	11.5
700	15.5
900	18.85
1000	19.75