

RG58/RG59 Series

Coaxial Cables

RG58BU/CU - 50Ω

**Specifications:**

Nominal Cable diameter outer core	: 4.95mm
inner core	: 1/0.8mm solid.
Capacitance	: 100pF/m.
Nominal attenuation (100m)	: 1.7dB at 100mHz, 5.6dB at 1000mHz.
Maximum voltage	: 15kV dc.
Maximum RF working voltage	: 2.5kV peak.

Features:

- Solid polythene insulated 1/0.8mm TC.
- Braid screen.
- Black PVC sheathed overall to MIL-C17D.

RG59BU 75Ω

**Specifications:**

Nominal outside diameter	: 6.15mm.
Inner diameter	: 1/0.64mm
Capacitance	: 68pF/m.
Nominal attenuation (10m)	: 1.3dB at 100MHz 1.9dB at 200MHz 4.6dB at 1000MHz.
Maximum RF working voltage	: 3.5kV peak.

Features:

- Solid polythene insulated 1/0.6mm copper clad steel conductor, braid screened.
- PVC Black sheathed overall.



RG58/RG59 Series

Coaxial Cables

	Polythene/PVC	
	50Ω	75Ω
RG Type	RG58BU/CU	RG59/BU
Conductor Type	TC	CCS
Conductor Area	19/0.18	1/0.58
Insulation	Polythene	
Insulation Diameter	2.95	3.70
Screen Braid	TC	PAC
Screen Diameter	3.50	4.40
Sheath	PVC	
Sheath Diameter	4.95	6.15
Weight Kg/100m	37	52
Capacitance (pF/m)	100	67
Impedence (Ω)	50	75
Attenuation dB per 100 meters at		
400MHz	39.5	29.5
Velocity Ratio	666	

Dimensions : Millimetres

Specification Table

Reel Length (m)	Part Number
100	RG58/CU/100M
50	RG58BU 50M
100	RG58BU 100M
500	RG58CU 500M
100	RG59/BU 100M

