



Coaxial cable RG58



RG58 is a coaxial cable with an impedance of 50Ω and an external diameter of 5.0 mm. The inner conductor is stranded tinned copper. The dielectric is made of PVC, so the cable is perfect for outdoor applications.

Component

Inner conductor: Stranded Tinned Copper $\varnothing 19 \times 0.18 \pm 0.01$ mm
Dielectric: Solid PE $\varnothing 3.0 \pm 0.015$ mm
Outer conductor: -Braid Tinned Copper
Sheath: PVC Black (semi pressure extrusion)

Marking

Wave-Cable RG58 Coaxial Cable (Meter mark at every 1 meter section)

APPLICATIONS

Can be used in almost any application where handling characteristics, improved shielding and low loss is required (for general radio station, RF jumper, cable TV, closed-circuit (CCTV) and head-end applications). Uses standard connectors.

FEATURES

- Perfect matching
- Low loss

BENEFITS

- Reduced installation costs and maintenance
- Use 'F' Type connectors

Specification

Inner conductor		Stranded Tinned Copper	ø 19x0.18 ±0.01 mm	
Dielectric		Solid PE	ø 3.00 ±0.15 mm	
Outer conductor	Braid	Aluminium	Formation	7x16x0.1 ±0.01 mm
			Lay	26 mm
			Coverage	85 ±3%
Sheath		PVC Black (semi pressure extrusion)	Diameter	ø 5.0 ±0.2mm

Electrical data

Impedance	50 $\pm 3\Omega$	
Capacitance	100pF/m ± 5.6	
Velocity of propagation	66 $\pm 3\%$	
Attenuation at 20°C [dB/100m]	50 MHz	10.9
	200 MHz	23.0
	400 MHz	33.8
	600 MHz	42.5
	800 MHz	47.8