

## RG6 Cable



### Mechanical Characteristics

Inner Conductor:	1.00mm Copper Clad Steel
Dielectric:	Foamed Polyethylene Insulation
Screen:	Aluminium Foil Tape
Screen:	Aluminium Wire Braid Coverage >40%
Insulation Diameter:	4.80mm (Natural)
Sheath Diameter:	6.55 ± 0.30mm
Storage/Operating Temperature:	-15°C to +70°C
Minimum Installation Temperature:	-5°C
Standard Reel Lengths:	50m 100m 250m Custom Length

\*Cable image and colours are for illustration purposes only and may vary.

### Electrical Characteristics

DC Resistance Inner Conductor:	≤ 150 Ω/km at 20°C
Characteristic Impedance:	75 ± 30Ωm
Capacitance:	53pF/m (nominal)
Velocity Ratio:	0.81
Attenuation (d/B 100m at 20°C)	
	10MHz <2.7
	50MHz <5.9
	100MHz <6.7
	200MHz <9.7
	460MHz <14.8
	1000MHz <21.8
Return Loss:	
	5 – 470MHz ≥25
	470 – 862MHz ≥25
	862 – 2150MHz ≥20

### Application

Coaxial cables are suitable for many applications, including low power video, video signal and broadband signals. They are also used in high-frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions.

### Example Part Numbers

**441006-BLK-100**

Webro Part Number-Colour-Length

### Description

RG6 coax cable consists of a 1.00mm solid copper clad steel conductor, foam polyethylene dielectric, aluminium foil tape, an aluminium wire braid and sheathed overall in PVC.

### Sheath Variations

	PVC
Webro Part Number	441006
Available Colours	WHT BLK BRN