

RG174 (Version A/U)



Mechanical Characteristics

Construction:

Inner Conductor:	7/0.16mm Copper Covered Steel
Dielectric:	Solid Polyethylene Insulation
Screen:	Tinned Copper Wire Braid
Sheath:	PVC

Insulation Diameter:	1.52mm (Nominal)
Sheath Diameter:	2.80mm (Nominal)
Storage/Operating Temperature:	-15°C to +70°C
Minimum Installation Temperature:	-5°C
Standard Reel Lengths:	100m 500m

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

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.

Description

7/0.16mm copper covered steel, solid polythene insulation, tinned copper wire braid, overall sheathed in PVC.

Electrical Characteristics

DC Resistance Inner Conductor @ 20°C:	≤ 317 Ω/km @ 20°C
Characteristic Impedance:	50 ± 30Ωm
Capacitance:	53pF/m (nominal)
Velocity Ratio:	0.66
Attenuation (d/B 100m @ 20°C)	
50MHz	<21.3
100MHz	<32.8
400MHz	<82.0
1000MHz	<147.6

Specifications

CPR Class: F

Example Part Numbers

510010-BLK-100m

Webro Part No.-Colour-Length