

RG6 SDU 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:	100m 250m Custom Length

*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

RG6 SDU (Single Dwelling Unit) 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.

Electrical Characteristics

DC Resistance Inner Conductor:	≤ 105 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	<2.0
50MHz	<5.9
100MHz	<6.7
200MHz	<9.7
460MHz	<14.8
1000MHz	<21.8
Return Loss:	
5 – 470MHz	≥23
470 – 862MHz	≥20
862 – 2150MHz	≥18

Example Part Numbers

441008-BLK-100
 Webro Part Number-Colour-Length

Specifications

BS EN 50117
 CAI-013-C/RG6-CAI-SDU/11-2012
 Approval Certificate: CAI0110*
 *Refers to Year code

Sheath Variations

	PVC
Webro Part Number	441008
Available Colours	WHT BLK BRN
	  