webro

Webro (Long Eaton) Ltd.

Vision House, Meadow Brooks Business Park, Meadow Lane, Long Eaton, Nottingham NG10 2GD UK

Tel: +44 (0)115 972 4483 • Fax: +44 (0)115 946 1230 Email: info@webro.com • www.webro.com

RG6 Cable

Mechanical Characteristics

Inner Conductor: Dielectric:

Screen: Screen:

Insulation Diameter:4.800Sheath Diameter:6.55Storage/Operating Temperature:-15°CMinimum Installation Temperature:-5°CStandard Reel Lengths:50m

1.00mm Copper Clad Steel Foamed Polyethylene Insulation Aluminium Foil Tape Aluminium Wire Braid Coverage >40% 4.80mm (Natural) 6.55 ± 0.30mm -15°C to +70°C -5°C 50m 100m 250m Custom Length

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

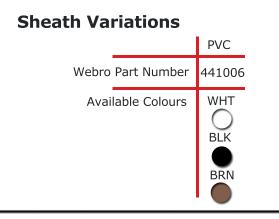
Description

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.

Electrical Characteristics

DC Resistance Inner Conductor:	$\leq 150 \Omega/\text{km}$ at 20°
Characteristic Impedance:	75 ± 30hm
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

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





20°C