

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.

WF165 Cable



Example Part Numbers

600010LS0H-SLT-250
600008-BLK-250
600009-BLK-250
600010-GRN

Webro Part Number-Colour-Length

Mechanical Characteristics

Inner Conductor:	1.63mm Plain Annealed Copper
Dielectric:	Foamed Polyethylene Insulation
Screen:	Plain Copper Foil Tape
Screen:	Plain Copper Wire Braid
	Coverage >40%
Insulation Diameter:	7.25mm (Natural)
Sheath Diameter:	10.10 ± 0.30mm
Storage/Operating Temperature:	-15°C to +70°C
Minimum Installation Temperature:	-5°C
Standard Reel Lengths:	100m
	250m
	500m
	Custom Length

Specifications

BS EN 50117
 BS EN 60332-1
 CAI-009-C/165/10-2006
 Approval Certificate: CAI0024*
 *Refers to Year code

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

Electrical Characteristics

DC Resistance Inner Conductor:	≤ 10.5 Ω/km at 20°C
DC Resistance Outer Conductor:	≤ 12.0 Ω/km at 20°C
Characteristic Impedance:	75 ± 30Ωm
Capacitance:	58pF/m (nominal)
Velocity Ratio:	0.81
Attenuation (d/B 100m at 20°C)	
	10MHz <1.2
	50MHz <3.0
	100MHz <4.0
	200MHz <6.0
	460MHz <9.0
	860MHz <12.5
	1000MHz <13.5
	1750MHz <19.0
Return Loss:	
	5 – 470MHz ≥23
	470 – 862MHz ≥20
	862 – 2150MHz ≥18

Sheath Variations

	LSNH	LSF	PE	UG
Webro Part Number	600010LS0H	600009	600008	600010
Available Colours	SLT	BLK	BLK	GRN