

## 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.

## WF125 Cable



## Example Part Numbers

**600006-BRN-250**  
**600006LSF-BLK-250**  
**600005-BLK-250**  
**600007-GRN**

Webro Part Number-Colour-Length

## Mechanical Characteristics

Inner Conductor:	1.25mm Plain Annealed Copper
Dielectric:	Foamed Polyethylene Insulation
Screen:	Plain Copper Foil Tape
Screen:	Plain Copper Wire Braid
	Coverage >40%
Insulation Diameter:	5.70mm (Natural)
Sheath Diameter:	8.00 ± 0.40mm
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-008-C/125/10-2006  
 Approval Certificate: CAI0020\*  
 \*Refers to Year code

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

## Electrical Characteristics

DC Resistance Inner Conductor:	≤ 15 Ω/km at 20°C
DC Resistance Outer Conductor:	≤ 13.5 Ω/km at 20°C
Characteristic Impedance:	75 ± 30hm
Capacitance:	60pF/m (nominal)
Velocity Ratio:	0.81
Attenuation (d/B 100m at 20°C)	
	10MHz <1.6
	50MHz <3.5
	100MHz <5.0
	200MHz <7.5
	460MHz <11.5
	860MHz <15.5
	1000MHz <17.0
	1750MHz <22.0
Return Loss:	
	5 - 470MHz ≥23
	470 - 862MHz ≥20
	862 - 2150MHz ≥18

## Sheath Variations

	PVC	LSF	PE	UG
Webro Part Number	600006	600006 LSF	600005	600007
Available Colours	BRN 	BLK 	BLK 	GRN 