



WF100 Twin Cable (Twinsat)



Mechanical Characteristics

Construction:		
Inner Conductor:	1.00mm Plain Annealed Copper	
Dielectric:	Foam Polyethylene Insulation	
Screen:	Plain Copper Foil Tape	
Screen:	Plain Copper Wire Braid Coverage >40%	
Sheath:	LSF	
Insulation Diameter:	4.80mm (Natural)	
Sheath Diameter:	6.55 ± 0.30mm x 13.10mm ± 0.60mm	
Storage/Operating Temperature:	-15°C to +70°C	
Minimum Installation Temperature:	-5°C	
Standard Reel Lengths:	100m	

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

Application

Coaxial cables are ideal 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.

Specifications

CPR Class: E

CAI-012C/T0100/12-2016

Example Part Numbers

590026-BLK-125

Webro Part No.-Colour-Length

Electrical Characteristics

DC Resistance Inner Conductor:		≤ 26.0 Ω/km @ 20°C
DC Resistance Inner Conductor:		≤ 15.0 Ω/km @ 20°C
Characteristic Impedance:		75 ± 30Ωm
Capacitance:		55pF/m (nominal)
Velocity Ratio:		0.81
Attenuation (d/B 100m @ 20°C)		
	10 MHz	<1.8
	50 MHz	<4.6
	100 MHz	<6.5
	200 MHz	<9.5
	460 MHz	<15.0
	860 MHz	<19.5
	1000 MHz	<21.5
	1750 MHz	<32.5
Return Loss:		
	5-470 MHz	≥23
	470-862 MHz	≥20
	862-2150 MHz	≥18

Sheath Variations

