



WF100 Twin Cable (Twinsat) LSF

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.

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 ± 30Ω
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