



WF100 Twin Cable (Twinsat)

Mechanical Characteristics

Construction:

Inner Conductor: 1.00mm Plain Annealed

Copper

Dielectric: Foam Polyethylene

Insulation

Plain Copper Foil Tape Screen: Screen: Plain Copper Wire Braid

Coverage >40%

Sheath: LSF

Insulation Diameter: 4.80mm (Naturall)

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

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

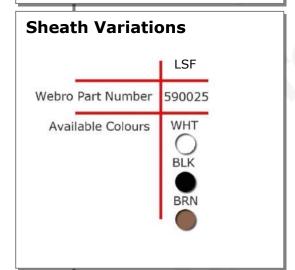
DC Resistance Inner Conductor: \leq 26.0 Ω /km @ 20°C DC Resistance Inner Conductor: ≤ 15.0 Ω/km @ 20°C Characteristic Impedance: $75 \pm 30hm$ Capacitance: 55pF/m (nominal) Velocity Ratio: 0.81

Attenuation (d/B 100m @ 20°C)

10 MHz <1.8 <4.6 50 MHz 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 <u>></u>23 470-862 MHz <u>></u>20 862-2150 MHz <u>></u>18







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