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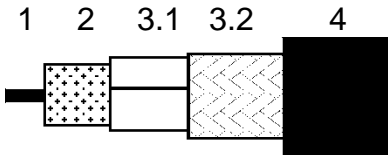
Cable & Connectors

WestFlex 103 Cable

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.

Construction



1	Inner conductor	Plain Copper
2	Dielectric	Semi Air Spaced Polyethylene Insulation
3.1	Screen	Copper Tape
3.2	Screen	Copper Braid
4	Sheath	FR PVC Sheath.

MECHANICAL CHARACTERISTICS

1. Inner conductor:	
Diameter:	2.62 mm Plain Annealed Copper
2. Insulation:	
Diameter:	7.20mm (Nominal)
3.1 Screen:	Plain copper foil tape
3.2 Screen:	Plain Copper Wire Braid Coverage >40%
4. Sheath:	
Diameter:	10.30 ± 0.30mm
5. Cable:	
Storage/operating temperature:	-15°C to +70°C
Minimum installation temperature:	-5 °C

Electrical characteristics

DC resistance Inner conductor:	≤ 3.8 Ω/km @ 20°C
DC resistance Outer conductor:	≤ 8.8 Ω/km @ 20°C
Characteristic Impedance:	50 ± 3Ωm
Capacitance:	80 pF/m (nominal)
Velocity Ratio:	0.81
Attenuation (d/B 100m @ 20°C)	
5Mhz	0.8
50Mhz	3.5
100Mhz	5.0
200Mhz	7.5
400Mhz	11.0
800Mhz	16.5
1000Mhz	18.0



Certificate No. 4416

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