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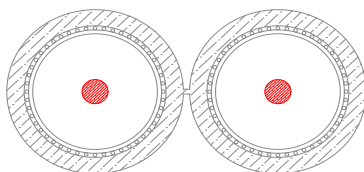
## Cable & Connectors

### WF65 Copper/Copper Cables

#### 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	Copper
2	Dielectric	Foamed Polyethylene Insulation
3.1	Screen	Copper Foil Tape
3.2	Screen	Plain Copper Braid
4	Sheath	PVC Sheath.

#### MECHANICAL CHARACTERISTICS

1. Inner conductor:	
Diameter:	0.65 mm Copper
2. Insulation:	
Diameter:	2.90mm (Natural)
3.1 Screen:	Copper foil tape
3.2 Screen:	Plain Copper Wire Braid Coverage >85%
4. Sheath:	
Diameter:	4.60 x 9.50mm Nominal
5. Cable:	
Storage/operating temperature:	-15°C to +70°C
Minimum installation temperature:	-5 °C

#### Electrical characteristics

DC resistance Inner conductor:	≤ 55 Ω/km @ 20°C
Characteristic Impedance:	75 ± 3Ωm
Capacitance:	65pF/m (nominal)
Velocity Ratio:	0.81
Attenuation (d/B 100m @ 20°C	
5Mhz	<2.7
50Mhz	<7.5
100Mhz	<10.0
200Mhz	<13.8
400Mhz	<19.9
1000Mhz	<32.5

#### Return Loss

5 – 470MHz	≥23
862 – 2150MHz	≥20



Certificate No. 4416

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