

# TECHNICAL DATA SHEET



## Coaxial Cable Model: CB19501-CB19503

**RoHS  
Compliant**

<b>Design of cable:</b>					
<b>Inner conductor</b>	1/1.02 ± 0.01mm steel Ø1.02 ± 0.01mm				
<b>Insulation</b>	Foamed PE				
<b>Colour</b>	White				
<b>Size</b>	Ø4.7 ± 0.1mm				
<b>Wall thickness</b>	≈1.8mm				
<b>Screening</b>	Imitation copper foil				
<b>Braiding</b>	16 x 4/0.12 ± 0.003CCA				
<b>Jacket</b>	PVC				
<b>Colour</b>	Black (CB19501), White (CB19502), Brown (CB19503)				
<b>Size of jacket</b>	Ø6.6 ± 0.2mm				
<b>Wall thickness</b>	≈0.7mm				
<b>Printing</b>	CP100 COAXIAL CABLE meter marking				
<b>Electric data at 20°C:</b>					
<b>Conductor resistance</b>	≤118.0Ω/km				
<b>Insulation resistance</b>	≥5000MΩ*km				
<b>Testing voltage</b>	wire/wire/screen 50Hz 1 min = 1.5kV				
<b>ATT MAX less than 10%:</b>					
<b>Frequency</b>	50	100	200	800	1000
<b>ATT dB/100m</b>	9.8	11.0	12.5	18.5	22.5
<b>Zo</b>	75 ± 3Ω at 200MHz				
<b>Co</b>	55pF/m				
<b>RL</b>	≥20dB				
<b>Other requirements:</b>					
<b>Permissible temperature</b>	-10°C to 60°C				
<b>Packing</b>	100m/reel				

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