

TECHNICAL DATA SHEET



Coaxial Cable Model: CB19510

**RoHS
Compliant**

Design of cable:							
Inner conductor	Single steel copper $\varnothing 0.65 \pm 0.01\text{mm}$						
Insulation	PE						
Size of insulation	$\varnothing 4.5 \pm 0.1\text{mm}$						
Braiding	16 x 4/0.12 $\pm 0.003\text{mm}$ bare copper						
Jacket	PE						
Colour	Black						
Size	$\varnothing 6.0 \pm 0.2\text{mm}$						
Wall thickness	$\approx 0.6\text{mm}$						
Electric data at 20°C:							
Conductor resistance	$\leq 65.8\Omega/\text{km}$						
Insulation resistance	$\geq 5000\text{M}\Omega \cdot \text{km}$						
Testing voltage	wire/wire 50Hz 1 min = 1.5kV						
Impedance	$75 \pm 3\Omega$ at 200MHz						
ATT Max. less than 10%:							
Frequency	5	20	50	200	400	900	1000
ATT dB/100m	3.1	4.8	8.0	16.0	22.6	34.1	38.5
Other requirements:							
Permissible temperature	$-15^\circ\text{C} - +70^\circ\text{C}$						
Packing	100m/Reel						

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