

Datasheet

RS Coaxial Cable, Black PVC Sheath, 100m, CT100, 6.65mm OD

Stock number: 665-5883



Product Description

Application:

For communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

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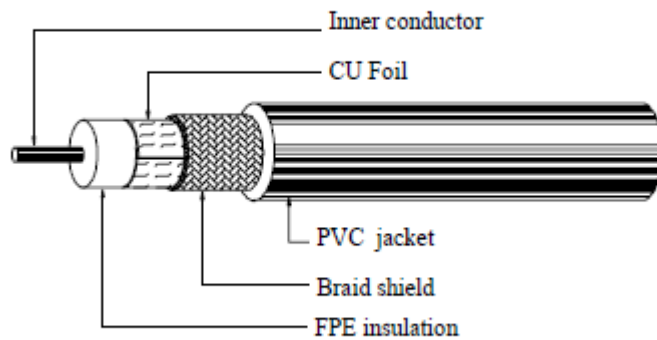
Cable Construction

Conductor	Bare Copper
Construction	1.0±0.02
Stranded Dia. (mm)	1.00
Insulation Layer	Gas injection Foam PE
Thickness(mm)	1.80
Insulation Dia. (±0.15mm)	4.60
CU-Foil Shield(over lapping,%	>115%
Thickness(μ)	40
Braiding	Bare Copper
Construction (mm)	0.15±0.008x16x3
Braid coverage(%)	44%
Jacket Layer	PVC
Thickness(mm)	0.7
Dia.(±0.20mm)	6.65

Color

Insulation Color:Natural Color

Outer Jacket Color - According to customer.



Electrical Characteristics

Max. Conductor DC Resistance at 20 °C (Ω /Km)	<24.1
Min. Insulation DC Resistance at 20 °C (M Ω *Km)	>500
Rated Temperature(°C)	80
Rated Voltage(V)	30
Capacitance(pF/m)	52.5+/-3
Velocity ratio (%)	80%
Impedance(Ω)	75+/-3
Attenuation at 20°C (- dB/100m)(±10%)	
5 MHz	1.6
50 MHz	4.6
100 MHz	6.5
200 MHz	9.5
460 MHz	15.0
860 MHz	19.5
1000 MHz	21.5
1750 MHz	29.0
2150 MHz	32.5
Return Loss (-dB)	
5MHz--30 MHz	>23
30MHz--470 MHz	>23
470MHz--862 MHz	>20
862MHz--2150 MHz	>18
Screening Attenuation	
30MHz--470 MHz	>75
470 MHz --1000 MHz	>75
1000 MHz--2150 MHz	>65