

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

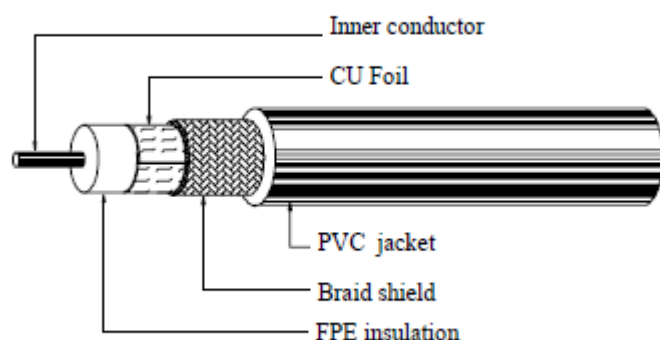
Customer's sample spec.and the general standard

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