

Datasheet

RS Coaxial Cable, Black PVC Sheath, 100m, CT125, 7.8mm OD

Stock number: 665-5892



Product Description

Application:

For communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

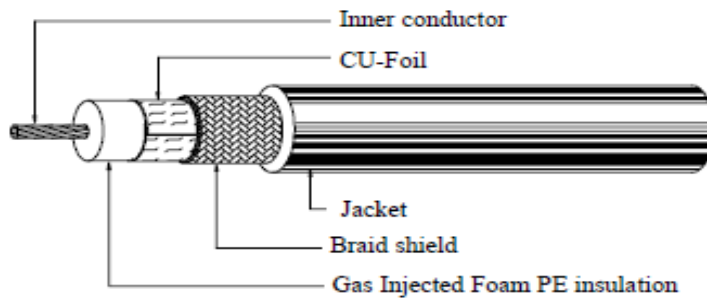
Multi-construction

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Cable Construction

Conductor	Bare Copper
1 singles	
Construction	1.25±0.02
Standard Dia.(mm)	1.25
Insulation	Gas injection Foam PE
Thickness	2.2
Insulation Dia.(±0.2mm)	5.65
Insulation Color	Nature
Cu-Foil Shielded	>=115%
Thickness(μ)	40
Braiding	Bare Copper braiding
Construction	0.14±0.008×16×4
Braiding coverage	45%
Jacket	PVC
Thickness(mm)	0.75
Dia.(+/-0.25mm)	7.80
Jacket Color	Black

Design



Electrical Characteristics

Max. Conductor DC Resistance at 20 °C (Ω/Km)	15.4
Min. Insulation DC Resistance at 20 °C (M Ω *Km)	>500
Rated Temperature(°C)	80
Rated Voltage(V)	30
Capacitance(pF/m)	<60
Velocity ratio (%)	81
Impedance(Ω)	75+/-3
Attenuation at 20 °C (-dB/100m) (+/-8%)	
50 MHz	3.50
100 MHz	4.90
230 MHz	7.50
470 MHz	10.90
860 MHz	14.50
1000 MHz	16.20
1350 MHz	19.00
1750 MHz	22.00
2150 MHz	24.80
2400 MHz	27.00
3000 MHz	30.20
Return loss (- dB/100m)	
5 ---- 470 MHz	>23
470 ---- 862 MHz	>20
862 ---- 2150 MHz	>18