

## Datasheet

### RS Coaxial Cable, Black PVC Sheath, 100m, CT167, 10.15mm OD

Stock number: 665-5895



#### Product Description

##### Application:

For communication and signal control systems

##### Reference Standard

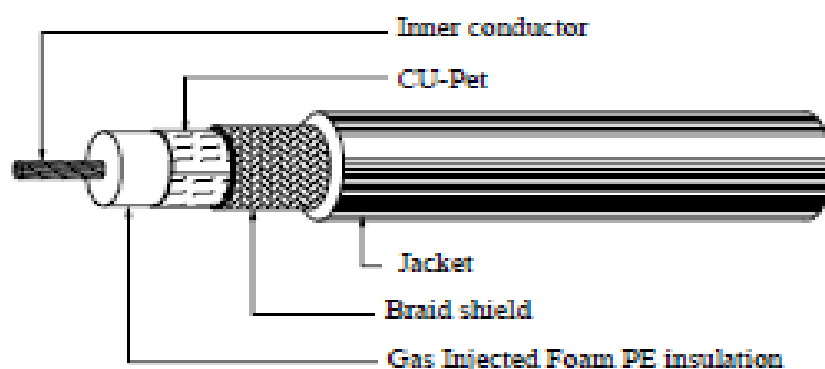
Customer's sample spec.and the general standard

##### Multi-construction

1

#### Cable Construction

<b>Conductor</b>	<b>Bare Copper</b>
Construction	1.67±0.03
Stranded Dia. (mm)	1.67
<b>Insulation Layer</b>	<b>Gas Injected Foam PE</b>
Thickness(mm)	2.80
Insulation Dia. (±0.25mm)	7.35
Insulation Color	Natural
<b>Cu-Foil Shield(over lapping,%)</b>	<b>≥115%</b>
Thickness(μ)	40
<b>Braiding</b>	<b>Bare Copper</b>
Construction (mm)	0.14±0.008x16x5
Braid coverage(%)	40%
<b>Jacket Layer</b>	<b>PVC</b>
Thickness(mm)	1.0
Dia.(±0.3mm)	10.15
Outer Jacket Color	Black


**Electrical Characteristics**

Max. Conductor DC Resistance at 20°C ( Ω/Km)	<8.65
Min. Insulation DC Resistance at 20°C (M Ω *Km)	>500
Rated Temperature(°C)	80
Rated Voltage(V)	30
Capacitance(pF/m)	<58
Velocity ratio (%)	81
Dielectric strength (at 10mA, Kv/min)	2.5
Impedance(Ω)	75+/-3
Attenuation at 20°C (- dB/100m) (+/-8%)	
50 MHz	2.70
100 MHz	3.90
230 MHz	6.10
470 MHz	8.90
860 MHz	12.50
1000 MHz	13.60
1350 MHz	16.00
1750 MHz	18.60
2150 MHz	20.90
2400 MHz	22.50
3000 MHz	25.20
Return loss (- dB/100m)	
5 ---- 470 MHz	>23
470 ---- 862 MHz	>20
862 ---- 2150 MHz	>18