

## Datasheet

### RS Coaxial Cable, Black PVC Sheath, 100m, RG59, 3.6mm OD

Stock number: 665-5833



#### Product Description

**Application:**

For communication and signal control systems

**Reference Standard**

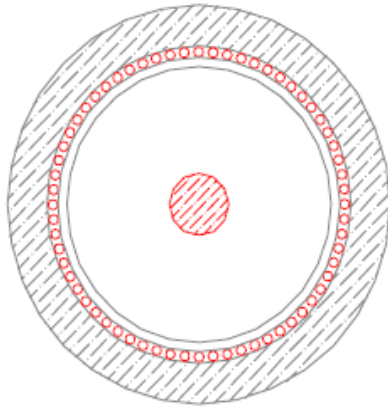
Customer's sample spec.and the general standard

**Multi-construction**

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#### Cable Construction

<b>Conductor</b>	<b>Copper clad steel</b>
Conductivity	40%
Construction	0.41±0.01
Stranded Dia.(mm)	0.41
<b>Insulation</b>	<b>Gas Injection Foam PE</b>
Thickness	0.745
Insulation Dia.(±0.1mm)	1.90
Insulation Color	Nature
<b>Al-Pet-Al Shielded</b>	<b>&gt;=125%</b>
<b>Braiding</b>	<b>Plain copper braiding</b>
Construction (stranded)	T0.10±0.008×16×4
Braiding coverage	70%
<b>Jacket</b>	<b>PVC</b>
Thickness(mm)	0.5
Dia.(±0.15mm)	3.60
Jacket Color	Black



**Electrical Characteristics**

Max.Conductor DC Resistance at 20°C ( Ω /Km)	<359.1
Min.Insulation DC Resistance at 20°C ( MΩ *M)	>500
Rated Temperature(°C)	80
Rated Voltage(V)	30
Capacitance(pF/m)	<60
Velocity ratio(%)	82.00
Impedance(Ω)	75 +/-3
Attenuation at 20°C (dB/100m) (+/-8%)	
10 MHz	6.50
50 MHz	12.50
100 MHz	16.70
150 MHz	19.80
200 MHz	22.50
250 MHz	24.80
300 MHz	27.00
400 MHz	31.50
450 MHz	33.10
500 MHz	34.90
650 MHz	40.10
800 MHz	44.75
860 MHz	46.64
1000 MHz	50.50

**Return Loss (-dB)**

5MHz--300 MHz	>22
300MHz--1000 MHz	>16

**Screening Attenuation (-dB)**

30MHz--1000 MHz	>75
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