

**Professionally approved products.**

## **Datasheet**

# **RS Coaxial Cable 100m, 4.95mm Outer Dia. PVC Stranded Black 0.18 mm RG58C/U**

**Stock number: 665-5870**



### **Product Description**

**Application:**

For communication and signal control systems.

**Reference Standard**

Customer's sample spec.and the general standard

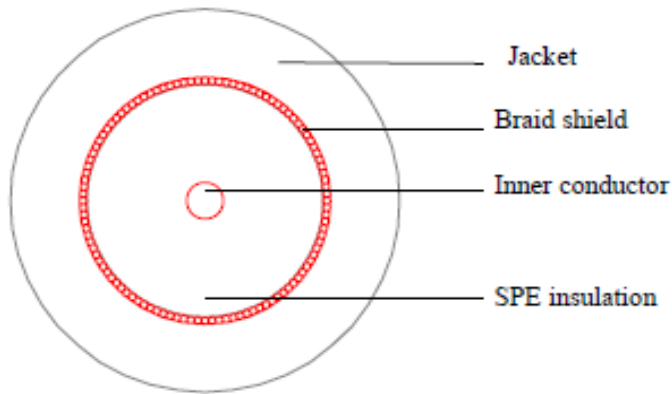
**Multi-construction**

1

<b>Conductor</b>	<b>Tinned copper</b>
1 singles	
Construction	T0.18x19
Stranded Dia.(mm)	0.90
<b>Insulation</b>	<b>Solid PE</b>
Thickness	1.03
Insulation Dia.(+/-0.1mm)	2.95
Insulation Color	Nature
<b>Shield</b>	
<b>Braiding Layer</b>	<b>Tinned copper</b>
Construction (stranded)	T0.12x112
Braiding coverage(%)	94%
<b>Jacket</b>	<b>PVC</b>
Thickness(mm)	0.65
Dia.(+/-0.15mm)	4.95
Jacket Color	Black

# Professionally approved products. Datasheet

## Design



### Electrical Characteristics

Max.Conductor DC Resistance at 20 °C ( $\Omega$ /Km)	38.4
Min.Insulation DC Resistance at 20 °C (M $\Omega$ *KM)	>500
Rated Temperature(°C)	80
Rated Voltage(V)	30
Capacitance(pF/m)	100±5
Velocity ratio	66%
Impedance( $\Omega$ )	50±3
Attenuation at 20 °C (dB/100m) (+/-8%)	
50 MHz	10.65
200 MHz	22.60
650 MHz	42.00
1000 MHz	67.00