

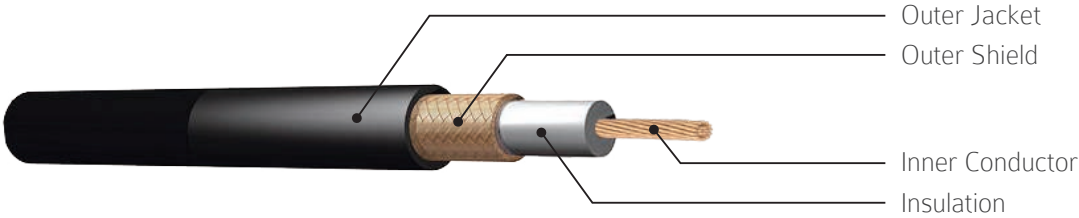


# Coaxial Cable

RG5973F 75Ohm Coax.

# RG5973F 75Ohm Coaxial Cable

## Cross Section



### Description

- RG5973F 75Ohm Coax.**
- 22 AWG stranded (7x30) .030" bare copper conductor
  - Foam polyethylene insulation
  - Bare copper braid shield (95% coverage)
  - PVC jacket.

### Mechanical Characteristics (Overall)

Operating Temperature Range	-30°C ~ +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	49.111 Kg/Km
Max. Recommended Pulling Tension	289.133 N
Min. Bend Radius/Minor Axis	63.500 mm
Suitability	Indoor
Plenum	No

### Physical Characteristics (Overall)

<b>Inner Conductor</b>	<b>(BC) Bare Copper</b>
AWG	22
Conductor Diameter	0.762
Standing	7x30
<b>Insulation</b>	<b>Foam Polyethylene</b>
Insulation Diameter	3.7084
<b>Outer Shield</b>	<b>Braid Bare Copper</b>
Coverage	95%
<b>Outer Jacket</b>	<b>PVC - Polyvinyl Chloride</b>
<b>Overall Cable</b>	
Overall Nominal Diameter	6.121mm

### Electrical Characteristics (Overall)

<b>Nom. Characteristic Impedance</b>	
Impedance	75Ohm
<b>Nom. Inductance</b>	
Inductance	0.29529µH/m
<b>Nom. Capacitance Conductor to Shield</b>	
Capacitance	56.7613pF/m
<b>Nominal Velocity of Propagation</b>	
VP	78%
<b>Nominal Delay</b>	
Delay	4.2653ns/m
<b>Nom. Conductor DC Resistance</b>	
DCR @ 20°C	49.2150hm/km
<b>Nominal Outer Shield DC Resistance</b>	
DCR @ 20°C	8.53060hm/km
<b>Max. Operating Voltage - Non-UL</b>	
Voltage	300 V RMS
<b>Nom. Attenuation</b>	
Freq. (MHz)	Attenuation (dB/100m)
1	0.9843
10	2.9529
50	6.8901
100	9.843
200	14.7645
400	21.6546
700	29.2009
900	33.1381
1000	35.7629