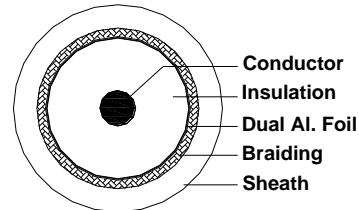


C2010097111

(RG59U/H125A)

**75ohm Coaxial Cable RG59 19AWG, PVC Sheath**



**DESCRIPTION**

19AWG Solid PACW, Foam PE Insulation, Dual Al. Foil, TACW Braiding 70% Coverage, PVC Sheath.

**APPLICATION**

For CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use.

**APPLICABLE STANDARD**

- EU RoHS Complies 2011/65/EU
- BS EN 50117-2-1

**CONSTRUCTION**

**Conductor**

Material : Plain Annealed Copper Wire  
 Size : 19AWG  
 Construction : Solid (1/1.0mm)

**Insulation**

Material : Foam PE  
 Nominal O.D : 4.8mm

**Shielding**

Material : Dual Al. Foil, 100% Coverage

**Braiding**

Material : Tinned Annealed Copper Wire, 70% Coverage

All values subject to factory tolerances.

Samson tries to ensure accuracy at the time of issue and reserves the right to change the data of the products without notice.

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Establish : YDM | Approved : LQM | Issue : 03 | Date : 10-03-2016 | Page 1 of 3



C2010097111 (RG59U/H125A)  
**75ohm Coaxial Cable RG59 19AWG, PVC Sheath**

**Sheath**

Material :	PVC
Nominal O.D :	6.8mm
Color :	Black

**PHYSICAL PROPERTIES**

Operating Temperature (Flexing)	-15°C to 90°C
Operating Temperature (Fixed)	-30°C to 90°C
Min. Bend Radius	68mm

**ELECTRICAL PROPERTIES**

Voltage Rating	30V
Nom. Inner Conductor DC Resistance @20°C	23.0Ω/km
Nom. Outer Conductor DC Resistance @20°C	18.0Ω/km
Min. Insulation Resistance	10000MΩ.km
Voltage test : Core to Shielding	1500V a.c/1min
Nom. Characteristic Impedance	75±3Ω
Nom. Capacitance	54±2pF/m
Screening Class	A
Screening attenuation	≥85dB (30MHz~1000MHz)
Transfer Impedance	≤ 5mΩ/m (5MHz~30MHz)
Return Loss	≥23dB (5MHz~470MHz) ≥20dB (470MHz~862MHz) ≥18dB (862MHz~2150MHz)

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Establish : YDM | Approved : LQM | Issue : 03 | Date : 10-03-2016 | Page 2 of 3



C2010097111

(RG59U/H125A)

**75ohm Coaxial Cable RG59 19AWG, PVC Sheath**

Attenuation (dB/100m)

(MHz)	5	50	100	230	400	800
(dB)	1.98	5.17	7.15	10.78	14.19	20.46
(MHz)	862	1000	1350	1750	2150	2400
(dB)	21.23	22.99	27.06	31.24	35.09	37.4

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Establish : YDM | Approved : LQM | Issue : 03 | Date : 10-03-2016 | Page 3 of 3