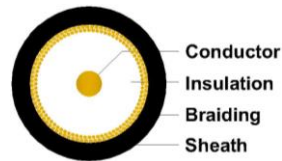




**C2010114311 (RG59BU/20AWG/LS)**  
**Fire Retardant 75ohm Coaxial Cable RG59 20AWG, LSHF Sheath**



### DESCRIPTION

20AWG Solid CCS, Foam PE Insulation, PACW Braiding 95% Coverage, LSHF Sheath.

### APPLICATION

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

### APPLICABLE STANDARD

- EU RoHS Complies 2011/65/EU
- Radio-frequency cables : IEC 60096-3
- Halogen Content Test : IEC 60754-2
- Smoke Density : IEC 61034-2
- Flame Retardant : IEC 60332-1-2

### CONSTRUCTION

#### Conductor

Material :	Copper Clad Steel Wire
Size :	20AWG
Construction :	Solid (1/0.813mm)

#### Insulation

Material :	Foam PE
Nominal O.D :	3.7mm

#### Braiding

Material :	Plain Annealed Copper Wire, 95% Coverage
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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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**C2010114311 (RG59BU/20AWG/LS)**  
**Fire Retardant 75ohm Coaxial Cable RG59 20AWG, LSHF Sheath**

**Sheath**

Material :	DW9023C LSHF
Nominal O.D :	6.2mm
Color :	Black

**PHYSICAL PROPERTIES**

Operating Temperature (Flexing)	-25°C to 90°C
Operating Temperature (Fixed)	-40°C to 90°C
Min. Bend Radius	62mm

**ELECTRICAL PROPERTIES**

Voltage Rating	30V
Max. Conductor DC Resistance @20°C	138.4Ω/km
Voltage test : Core to Shielding	2000V a.c/1min
Nom. Characteristic Impedance	75±3Ω (10MHz)
Nom. Capacitance	52±2pF/m (1kHz)

Max. Attenuation (dB/100m)

(MHz)	1	10	50	100	200	400	700	900	1000
(dB)	2.0	3.3	6.9	9.8	14.8	21.7	29.2	33.2	35.8

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