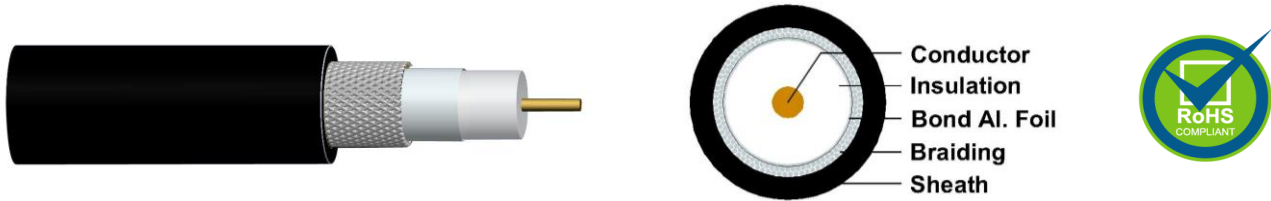




**C2010057311 (RG6U/LS)**  
**Fire Retardant 75ohm Coaxial Cable RG6 18AWG, LSHF Sheath**



**DESCRIPTION**

18AWG Solid CCS, Foam PE Insulation, Bond Al. Foil, AW Braiding 60% Coverage, LSHF Sheath.

**APPLICATION**

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

**APPLICABLE STANDARD**

- EU RoHS Complies 2011/65/EU
- Halogen Content Test : IEC 60754-2
- Smoke Density : IEC 61034-2
- Flame Retardant : IEC 60332-1-2
- Reference to Belden 9116

**CONSTRUCTION**

**Conductor**

Material : Copper Clad Steel Wire  
Size : 18AWG  
Construction : Solid (1/1.02mm)

**Insulation**

Material : Foam PE  
Nominal O.D : 4.57mm

**Shielding**

Material : Bond Al. Foil, 100% 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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**C2010057311 (RG6U/LS)**  
**Fire Retardant 75ohm Coaxial Cable RG6 18AWG, LSHF Sheath**

**Braiding**

Material : Aluminum Wire, 60% Coverage

**Sheath**

Material : DW9023C LSHF

Nominal O.D : 6.9mm

Color : Black

**PHYSICAL PROPERTIES**

Operating Temperature (Flexing) -25°C to 90°C

Operating Temperature (Fixed) -40°C to 90°C

Min. Bend Radius 69mm

**ELECTRICAL PROPERTIES**

Voltage Rating 30V

Max. Conductor DC Resistance @20°C 100Ω/km

Min. Insulation Resistance 1000MΩ.km

Voltage test : Core to Shielding 1000V a.c/1min

Nom. Characteristic Impedance 75±3Ω (10MHz)

Nom. Capacitance 53±2pF/m (1kHz)

Return Loss >20dB (5MHz~1GHz)

Nom. Attenuation (dB/100m)

(MHz)	5	55	211	240	270	300	325	350	400	450
(dB)	2.8	5.25	9.42	10.14	10.63	11.25	11.78	12.2	13.12	13.98
(MHz)	500	550	600	750	870	1000	1450	1800	2250	3000
(dB)	14.7	15.45	16.21	18.34	19.68	21.46	26.2	28.9	32.8	39.0

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