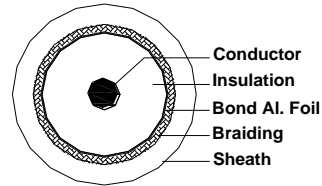


C2010059311

(RG11U/LS)

Fire Retardant 75ohm Coaxial Cable RG11 14AWG, LSHF Sheath



DESCRIPTION

14AWG Solid CCS, Foam PE Insulation, Bond Al. Foil, AW Braiding 94% 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

CONSTRUCTION

Conductor

Material :	Copper Clad Steel Wire
Size :	14AWG
Construction :	Solid (1/1.63mm)

Insulation

Material :	Foam PE
Nominal O.D :	7.11mm

Filler

Material :	Bond Al. Foil, 100% 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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C2010059311 (RG11U/LS)
Fire Retardant 75ohm Coaxial Cable RG11 14AWG, LSHF Sheath

Braiding

Material : Aluminum Wire, 94% Coverage

Sheath

Material : DW9023C LSHF
 Nominal O.D : 10.0mm
 Color : Black

PHYSICAL PROPERTIES

Operating Temperature (Flexing) -25°C to 90°C
 Operating Temperature (Fixed) -40°C to 90°C
 Min. Bend Radius 100mm

ELECTRICAL PROPERTIES

Voltage Rating 30V
 Max. Conductor DC Resistance @20°C 40Ω/km
 Min. Insulation Resistance 1000MΩ.km
 Voltage test : Core to Shielding 1000V a.c/1min
 Nom. Characteristic Impedance 75±3Ω (10MHz)
 Nom. Capacitance 52±2pF/m (1kHz)
 Return Loss >20dB (1MHz~1GHz)
 Nom. Attenuation (dB/100m)

(MHz)	5	55	211	240	270	300	325	350	400	450
(dB)	1.25	3.18	5.94	6.36	6.73	7.05	7.35	7.61	8.1	8.69
(MHz)	500	550	600	750	870	1000	1450	1800	2250	3000
(dB)	9.35	9.65	10.1	11.48	12.6	13.88	18.10	20.60	23.50	28.90

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