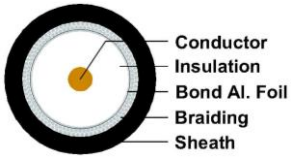
C2010101311 (RG11/LS)

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



RoHS COMPLIANT

DESCRIPTION

14AWG 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 1523A

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

C2010101311 (RG11/LS)
Fire Retardant 75ohm Coaxial Cable RG11 14AWG, LSHF Sheath

Braiding

Material :	Aluminum Wire, 60% Coverage

Sheath

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

PHYSICAL PROPERTIES

Operating Temperature (Flexing)	-15^{O}C to 80^{O}C
Operating Temperature (Fixed)	-30^{O}C to 80^{O}C
Min. Bend Radius	100mm

ELECTRICAL PROPERTIES

Voltage Rating	30V
Max. Conductor DC Resistance @20^{O}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)

Max. Attenuation (dB/100m)

(MHz)	5	55	211	250	270	300	330	350
(dB)	1.18	3.12	5.95	6.5	6.76	7.12	7.51	7.74
(MHz)	400	450	500	550	600	750	870	1000
(dB)	8.3	8.83	9.35	9.88	10.37	11.75	12.8	13.88