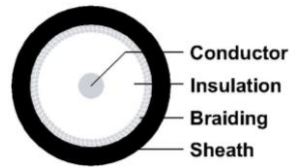




**C2010076311 (RG58C/U/LS)**  
**Fire Retardant 50ohm Coaxial Cable RG58 20AWG, LSHF Sheath**



### DESCRIPTION

20AWG Stranded TACW, Solid PE Insulation, TACW Braiding 95% 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 8259

### CONSTRUCTION

#### Conductor

Material :	Tinned Annealed Copper Wire
Size :	20AWG
Construction :	Stranded (19/0.19mm)

#### Insulation

Material :	Solid PE
Nominal O.D :	2.95mm

#### Braiding

Material :	Tinned Annealed Copper Wire Braiding, 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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**C2010076311 (RG58C/U/LS)**  
**Fire Retardant 50ohm Coaxial Cable RG58 20AWG, LSHF Sheath**

**Sheath**

Material :	DW9023C LSHF
Nominal O.D :	4.95mm
Color :	Black

**PHYSICAL PROPERTIES**

Operating Temperature (Flexing)	-25°C to 90°C
Operating Temperature (Fixed)	-40°C to 90°C
Min. Bend Radius	50mm

**ELECTRICAL PROPERTIES**

Rated Voltage	30V
Max. Conductor DC Resistance @20°C	35.1Ω/km
Voltage test : Core to Shielding	1.0kV a.c/1min
Characteristic Impedance	50±3Ω (10MHz)
Capacitance	107±2pF/m (1KHz)
Nom. Velocity of Propagation	66%
Max. Attenuation (dB/100m)	

(MHz)	1	10	50	100	200	400	700	900	1000
(dB)	1.4	4.6	10.8	16.1	23.9	37.7	55.8	65.6	70.5

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