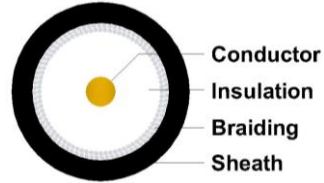




TEM1272-2009 (RG-174/U/LS)  
**Fire Retardant 50ohm Coaxial Cable RG174 26AWG, LSHF Sheath**



### DESCRIPTION

26AWG Stranded CCS, Solid PE Insulation, TACW Braiding 80% 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 :	26AWG
Construction :	Stranded (7/0.16mm)

#### Insulation

Material :	Solid PE
Nominal O.D :	1.52mm

#### Braiding

Material :	Tinned Annealed Copper Wire, 80% 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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Establish : YDM | Approved : LQM | Issue : 02 | Date : 14-11-2016 | Page 1 of 2



**TEM1272-2009 (RG-174/U/LS)**  
**Fire Retardant 50ohm Coaxial Cable RG174 26AWG, LSHF Sheath**

**Sheath**

Material :	DW9023C LSHF
Nominal O.D :	2.6mm
Color :	Black

**PHYSICAL PROPERTIES**

Operating Temperature (Flexing)	-25°C to 90°C
Operating Temperature (Fixed)	-40°C to 90°C
Min. Bend Radius	26mm

**ELECTRICAL PROPERTIES**

Rated Voltage	30V
Max. Conductor DC Resistance @20°C	521.0Ω/km
Voltage test : Core to Shielding	1000V a.c/1min
Nom. Characteristic Impedance	50±3Ω
Nom. Capacitance	101±2pF/m
Max. Attenuation (dB/100m)	

(MHz)	1	10	50	100	200	400	700	900	1000
(dB)	6.2	10.8	19.0	27.6	41.0	62.3	88.6	101.7	111.5