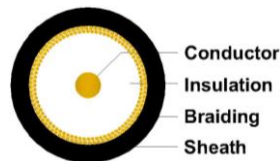




C2010066111 (RG59LC/H-12A)
75ohm Flexible Coaxial Cable RG59 22AWG, PVC Sheath



DESCRIPTION

22AWG Stranded PACW, Foam PE Insulation, PACW Braiding 92% Coverage, PVC Sheath.

APPLICATION

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

APPLICABLE STANDARD

- EU RoHS Complies 2011/65/EU
- UL 758 ; File No. E104496
- AWM Style 1354

CONSTRUCTION

Conductor

Material :	Plain Annealed Copper Wire
Size :	22AWG
Construction :	Stranded (O.D 0.8mm)

Insulation

Material :	Foam PE
Nominal O.D :	3.5mm

Braiding

Material :	Plain Annealed Copper Wire Braiding, 92% 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 : 10 | Date : 11-04-2016 | Page 1 of 2



C2010066111 (RG59LC/H-12A)
75ohm Flexible Coaxial Cable RG59 22AWG, PVC Sheath

Sheath

Material :	PVC
Nominal O.D :	5.6mm
Color :	Black

PHYSICAL PROPERTIES

Operating Temperature (Flexing)	-15°C to 80°C
Operating Temperature (Fixed)	-30°C to 80°C
Min. Bend Radius	56mm
Flame Test	UL1581 FT-1
Sheath Printing	SAMSON RG59LC(H-12A) 75 OHM COAXIAL CABLE - E104496 AWM 1354 80°C 30V FT-1

ELECTRICAL PROPERTIES

Rated Voltage	30V
Max. Conductor DC Resistance @20°C	52.5Ω/km
Max. Outer Conductor DC Resistance @20°C	13.2Ω/km
Min. Insulation Resistance	1000MΩ.km
Voltage test : Core to Shielding	1000V a.c/1min
Nom. Velocity of Propagation	80%
Nom. Characteristic Impedance	75±3Ω (10MHz)
Nom. Capacitance	55±2pF/m (1kHz)
Return Loss	>20dB (300MHz~1GHz)

Nom. Attenuation (dB/100m)

(MHz)	1	5	10	50	100	200	400	600	800	1000
(dB)	1.1	2.5	3.8	7.3	10.8	15.1	21.8	27.2	31.9	36.0

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