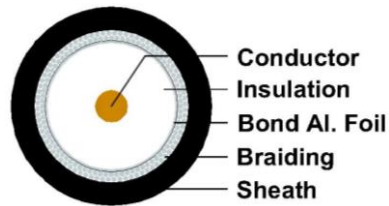


C2010080111

(RG6U(90%))

75ohm Coaxial Cable RG6 18AWG, PVC Sheath



DESCRIPTION

18AWG Solid CCS, Foam PE Insulation, Bond Al. Foil, AW Braiding 90% Coverage, PVC Sheath.

APPLICATION

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

APPLICABLE STANDARD

- EU RoHS Complies 2011/65/EU

CONSTRUCTION

Conductor

Material :	Copper Clad Steel Wire
Size :	18AWG
Construction :	Solid (1/1.02mm)

Insulation

Material :	Foam PE
Nominal O.D :	4.57mm

Shielding

Material :	Bond Al. Foil, 100% Coverage
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Braiding

Material :	Aluminum Wire, 90% 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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C2010080111 (RG6U(90%))
75ohm Coaxial Cable RG6 18AWG, PVC Sheath

Sheath

Material :	PVC
Nominal O.D :	6.9mm
Color :	Black

PHYSICAL PROPERTIES

Operating Temperature (Flexing)	-15°C to 70°C
Operating Temperature (Fixed)	-30°C to 70°C
Min. Bend Radius	69mm

ELECTRICAL PROPERTIES

Voltage Rating	30V
Max. Conductor DC Resistance @20°C	100Ω/km
Min. Insulation Resistance	1000MΩ.km
Voltage test : Core to Shielding	1000V a.c/1min
Nom. Characteristic Impedance	75±3Ω (10MHz)
Nom. Capacitance	53±1pF/m (1kHz)
Return Loss	>20dB (5MHz~1GHz)
Max. Attenuation (dB/100m)	

(MHz)	5	55	211	250	270	300	330	350
(dB)	1.87	4.94	9.43	10.22	10.63	11.25	11.84	12.2
(MHz)	400	450	500	550	600	750	870	1000
(dB)	13.12	14.04	14.8	15.62	16.34	18.44	19.99	21.46

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