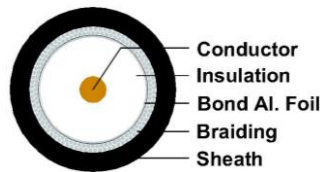




C2010084111

(RG6/U)

75ohm Coaxial Cable RG6 18AWG, PVC Sheath



DESCRIPTION

18AWG Solid CCS, Foam PE Insulation, Bond Al. Foil, AW Braiding 60% Coverage, PVC Sheath.

APPLICATION

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

APPLICABLE STANDARD

- EU RoHS Complies 2011/65/EU
- Equivalent to Belden 9116
- AWM Style 1354

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
------------	------------------------------

Braiding

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.

Copyright © 2013 Samson Electric Wire Co., Ltd. All Rights Reserved.

Establish : YDM | Approved : LQM | Issue : 06 | Date : 10-05-2016 | Page 1 of 2



C2010084111

(RG6/U)

75ohm Coaxial Cable RG6 18AWG, PVC Sheath

Material : Aluminum Wire, 60% Coverage

Sheath

Material : PVC
 Nominal O.D : 6.8mm
 Color : Black

PHYSICAL PROPERTIES

Operating Temperature (Flexing) -15°C to 80°C
 Operating Temperature (Fixed) -30°C to 80°C
 Min. Bend Radius 68mm
 Flame Test UL1581 FT-1

ELECTRICAL PROPERTIES

Rated Voltage 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±2pF/m (1kHz)
 Return Loss >20dB (5MHz~3GHz)
 Nom. Attenuation (dB/100m)

(MHz)	5	55	211	240	270	300	325	350	400	450
(dB)	2.8	5.25	9.42	10.14	10.63	11.25	11.78	12.2	13.12	13.98
(MHz)	500	550	600	750	870	1000	1450	1800	2250	3000
(dB)	14.7	15.45	16.21	18.34	19.68	21.46	26.2	28.9	32.8	39.0

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.

Copyright © 2013 Samson Electric Wire Co., Ltd. All Rights Reserved.

Establish : YDM | Approved : LQM | Issue : 06 | Date : 10-05-2016 | Page 2 of 2