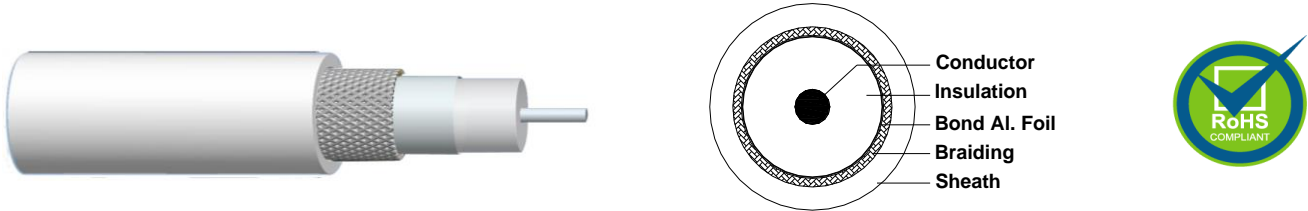


C2010095122

(RG6U(40%))

75ohm Coaxial Cable RG6 18AWG, PVC Sheath



DESCRIPTION

18AWG Solid CCS, Foam PE Insulation, Bond Al. Foil, AW Braiding 40% 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

Braiding

Material : Aluminum Wire, 40% Coverage



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Sheath

Material :	PVC
Nominal O.D :	6.7mm
Color :	White

PHYSICAL PROPERTIES

Operating Temperature (Flexing)	-15°C to 70°C
Operating Temperature (Fixed)	-30°C to 70°C
Min. Bend Radius	67mm

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±2pF/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

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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