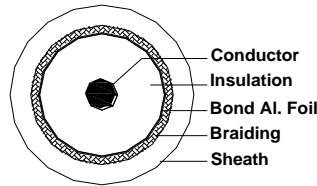
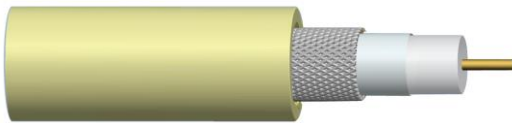


C20100841EE

(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**



C20100841EE

(RG6/U)

**75ohm Coaxial Cable RG6 18AWG, PVC Sheath**

Material : Aluminum Wire, 60% Coverage

**Sheath**

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

**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.

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