



## Technical Specifications

Product Line: **RG11-P-CATV**

### Description

14 AWG solid core CCS dual shielded RG11 CATV/DBS coaxial cable

NEC type CMP and CEC type CMP FT6. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725, 800 and 820.

### Conductor

14 AWG

Solid copper clad steel conductor

Diameter: 0.0641" | 1.63mm

### Insulation

Foam fluorinated ethylene propylene

Wall thickness: 0.108" | 2.74mm

Diameter: 0.280" | 7.11mm

### Color Code

Natural

### Assembly

N/A

### Construct

N/A

### Shield

100% aluminum/poly/aluminum

60% 16x6/34 AWG aluminum braid shield

### Jacket

Polyvinylidene difluoride

Colors: Natural White, Black

Wall thickness: 0.016" | 0.41mm

Diameter: 0.350" | 8.89mm

Specification Revision Date:

### Electrical

DC resistance: 11.4  $\Omega$  / 1000' | 37.39  $\Omega$ /KM

Shield DCR: 6.9  $\Omega$  / 1000' | 22.63  $\Omega$ /KM

Mutual capacitance: 16.0 pF/FT | 52.48 pF/M

Impedance: 75  $\pm$  3  $\Omega$

Velocity of Propagation: 82%

Voltage rating: 300V

SRL 5-1000 MHz: -20dB

SRL 1-3 GHz: -17dB

### Regulatory

NEC: CMP 125 °C

CEC: CMP FT6 125 °C

EU RoHS 2002/95/EC Compliant

### Packages

Reel: 1000' | 305M

Weight: 63 Lbs/1000' | 93 Kg/KM

### Installation

Pull Tension: 260 Lbs | 1156 N

Bend radius: 3.50" | 90mm unloaded

Bend radius: 7.00" | 180mm loaded

Plenum cable should be conditioned at room temperature for 24 hours prior to installation and never installed below 32 °F | 0 °C ambient temperature

### Applications

Plenum CATV and DBS modulated video

CATV and DBS where DC is not required

Broadband video and cable modem

### Performance

CATV to 360 feet

DBS to 253 feet

### Final Outside Diameter (inches)

0.350

August 3, 2010





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RG11 Coaxial Sweep to 3.0 GHz

Frequency	Attenuation	
	dB/100FT	dB/100m
1	0.15	0.49
50	0.90	2.95
100	1.28	4.20
200	1.85	6.07
400	2.75	9.02
900	4.72	15.48
1000	5.04	16.53
1450	6.67	21.88
1800	7.71	25.29
2200	8.50	27.88
3000	9.93	32.57

