



Technical Specifications

Product Line: RG11-QUAD-PL

Description

14 AWG solid core CCS quad 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

Electrical

DC resistance: 11.0 Ω / 1000' | 36.08 Ω /KM
Shield DCR: 3.9 Ω / 1000' | 12.79 Ω /KM
Mutual capacitance: 16.0 pF/FT | 52.48 pF/M
Impedance: 75 \pm 3 Ω
Velocity of Propagation: 84%
Voltage rating: 300V
SRL 5-300 MHz: -20dB
SRL 950-1450 MHz: -15dB

Insulation

Foam fluorinated ethylene propylene
Wall thickness: 0.108" | 2.74mm
Diameter: 0.280" | 7.11mm

Regulatory

NEC: CMP 125° C
CEC: CMP FT6 60° C
EU RoHS 2002/95/EC Compliant

Color Code

Natural

Packages

Reel: 1000' | 305M
Weight: 71 Lbs/1000' | 106 Kg/KM

Assembly

N/A

Installation

Pull Tension: 308 Lbs | 1370 N
Bend radius: 3.72" | 95mm unloaded
Bend radius: 7.44" | 190mm 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

Construct

N/A

Applications

Plenum CATV and DBS modulated video
Plenum CATV and DBS where DC is not required
Plenum Broadband video and cable modem

Shield

100% aluminum/poly
60% 16x6/34 AWG aluminum braid shield
100% aluminum/poly/aluminum
40% 16x4/34 AWG aluminum braid shield

Performance

CATV to 360 feet
DBS to 253 feet

Jacket

Polyvinylidene difluoride
Colors: Natural White, Black
Wall thickness: 0.020" | 0.51mm
Diameter: 0.372" | 9.45mm

Final Outside Diameter (inches)

0.372

Specification Revision Date:

June 15, 2005





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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

