Technical Specifications

Product Line: RGB5C-PVC

Description

RGB cable with five 26 AWG stranded core dual shielded mini-high resolution coaxial cables jacketed under an overall jacket

NEC type CM and CEC type CMH FT1. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725, 800 and 820.

Conductor

26 AWG
7-strand tinned annealed bare copper conductors
Diameter: 0.019" | 0.48mm

Electrical

DC resistance: 41.0 Ω / 1000' | 134.48 Ω/KM
Shield DCR: 15.5 Ω / 1000' | 50.84 Ω/KM
Mutual capacitance: 18.0 pF/FT | 59.0 pF/M
Impedance: 75 ± 3 Ω
Velocity of Propagation: 78%
Voltage rating: 300V
SRL 5-450 MHz: -17 dB

Insulation

Foam polyethylene
Wall thickness: 0.029" | 0.737mm
Diameter: 0.077" | 1.96mm

Regulatory

NEC: CL2 75˚C
CEC: CMH FT1 60˚C
EU RoHS 2002/95/EC Compliant

Shield

Each coaxial cable
100% aluminum/poly tape foil in
95% 70/40 AWG tinned copper spiral serve shield

Packages

Reel: 1000' | 305M
Weight: 72 Lbs/1000' | 108 Kg/KM

Inner Jacket and Diameter

Polyvinyl chloride
Wall thickness: 0.011" | 0.28mm
Diameter: 0.107" | 2.72mm

Installation

Pull Tension: 39 Lbs | 174 N
Bend radius: 3.50" | 89mm unloaded
Bend radius: 7.00" | 178mm loaded

Color Code

Inner coaxial jackets
Red, Green, Blue, White, Yellow

Applications

General purpose Component, Composite Video, A/V, RGBHV
General purpose analog audio unbalanced formats
General purpose digital audio unbalanced formats

Contruct

5 jacketed coaxial cable cabled on a common axis
Fillers added as needed for roundness
100% Polyester tape binder
Ripcord under jacket

Performance

HD-Component to 86 feet
CCTV to 216 feet
Analog RCA audio 125 feet
S/PDIF digital audio 216 feet

Jacket

Polyvinyl chloride
Colors: Matte Black
Wall thickness: 0.027" | 0.69mm
Diameter: 0.350" | 8.89mm

Final Outside Diameter (inches)

0.350

Specification Revision Date: February 10, 2006

Mini-High Resolution Coaxial Sweep to 1.0 GHz

Frequency	Attenuation	
	dB/100FT	dB/100m
1	0.60	1.97
3.58	1.12	3.67
10	1.90	6.23
71.5	4.80	15.74
135	7.10	23.29
200	7.40	24.27
400	11.80	38.70
1000	21.40	70.19