



255CRGB

RGBHV Plenum

RGBHV Component Video, CMP

Construction & Dimensions

CONSTRUCTION & DIMENSIONS					
Component	Red Coax	Green Coax	Blue Coax	White Coax	Yellow Coax
CONDUCTOR PARAMETER					
• Number of Conductors	1	1	1	1	1
• AWG Size	25	25	25	25	25
• Conductor Stranding	Solid	Solid	Solid	Solid	Solid
• Conductor Type	Bare Copper	Bare Copper	Bare Copper	Bare Copper	Bare Copper
• Nominal DCR	32.5 Ohm/1000ft	32.5 Ohm/1000ft	32.5 Ohm/1000ft	32.5 Ohm/1000ft	32.5 Ohm/1000ft
INSULATION PARAMETER					
• Insulation Type	Foam FEP	Foam FEP	Foam FEP	Foam FEP	Foam FEP
• Insulation Thickness	0.073 in	0.073 in	0.073	0.073 in	0.073 in
SHIELDING PARAMETER					
• Shield Type	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil	Overall 100% Aluminum Foil
• Shield Type 2	95% Tinned Spiral Shield	95% Tinned Spiral Shield	95% Tinned Spiral Shield	95% Tinned Spiral Shield	95% Tinned Spiral Shield
ELECTRICAL CHARACTERISTICS					
• Nominal Impedance	75 Ohm				
• Nom. Cap. Between Conductors	16.2 pF/ft				

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	
Total Number of Conductors	5
Jacket Type	Flexible Plenum
Nominal Cable O.D.	0.31 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	3.1 in
Cable Weight	56 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	UL1685
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300



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Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.49 dB
3.6 MHz	1.18 dB
10 MHz	1.7 dB
71.5 MHz	4.65 dB
135 MHz	6.1 dB
270 MHz	8.46 dB
360 MHz	10.04 dB
540 MHz	12.09 dB
720 MHz	14.14 dB
1000 MHz	17.85 dB
2250 MHz	24.6 dB
3000 MHz	38.81 dB

Related Products

RELATED PRODUCTS	-
Plenum Number	5CRGB
BNC Crimp	CN-BM74-19
BNC Compression	CN-BNCP-RGB
RCA Compression	CN-RCP-RGB