



253CRGB

Component Video Plenum
 Component Video, YPbPr CMP

Construction & Dimensions

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

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Total Number of Conductors	3
Jacket Type	Flexible Plenum
Nominal Cable O.D.	0.29 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	2.9 in
Cable Weight	38 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



253CRGB

Component Video Plenum
Component Video, YPbPr CMP

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	
Non Plenum Number	3CRGB
BNC Crimp	CN-BM74-19
BNC Compression	CN-BNCP-RGB
RCA Compression	CN-RCP-RGB