



**252815**

RG59/U CCTV + POWER PLENUM

Analog Video, CCTV Video

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-	
Component	Video	Power Cable
CONDUCTOR PARAMETER	-	
• Number of Conductors	1	2
• AWG Size	20	18
• Conductor Stranding	Solid	7x26
• Conductor Type	Bare Copper	Bare Copper
• Nominal DCR	10.1 Ohm/1000ft	6.2 Ohm/1000ft
INSULATION PARAMETER	-	
• Insulation Type	Foam FEP	Plenum PVC
• Insulation Thickness	0.138 in	0.008 in
• Insulation Color Code		1. Black 2.Red
SHIELDING PARAMETER	-	
• Shield Type	95% Bare Copper Braid	None
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 - Siamese
Nominal Cable O.D.	0.198 x.465 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	75 lbs
Bend Radius	4.6 in
Cable Weight	60 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



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## Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.3 dB
10 MHz	1.1 dB
50 MHz	1.8 dB
100 MHz	3 dB
200 MHz	3.91 dB
400 MHz	5.3 dB
700 MHz	7.9 dB
900 MHz	9.5 dB
1000 MHz	10 dB

## Related Products

RELATED PRODUCTS	
Non Plenum Number	2815B
BNC Crimp	CN-BM74-32
BNC Compression	CN-BNC59MCV