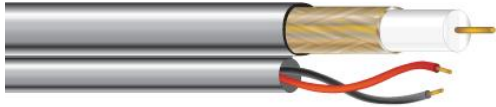


**Technical Data Sheet**  
**RG59/U CCTV + Power Coaxial Cable Plenum**



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<b>PART NUMBER:</b>	<b>252815</b>
<b>DESCRIPTION:</b>	RG59/U 20AWG Bare Copper, 95% Braid + 2 Conductor 18AWG – Siamese Construction Plenum PVC Jacket
<b>NEC RATING:</b>	CMP
<b>APPROVALS:</b>	(UL) C(UL) or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor within ducts, plenums, and other spaces used for environmental air for (CCTV)

**Construction Parameters: Coaxial Cable**

Conductor	20 AWG Bare Copper RG59/U
Stranding	Solid
Insulation Material	Foam FEP
Insulation Thickness	0.138" Nom.
Shield	95 % Bare Copper Braid
Jacket Material	PVC

<b>Nom. Attenuation</b>	
Mhz	db/100ft
1	.29
10	.68
50	1.80
100	2.52
400	5.30
700	7.24
1000	8.76

**Electrical & Environmental Properties: Coaxial Cable**

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max. Capacitance Between Conductors @ 1 KHz	16.2pf/ft Nom.
Nom. Velocity of Propagation	82%

**Construction Parameters: Power Pair**

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	Flouropolymer
Insulation Thickness	0.007" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	PVC

**Electrical & Environmental Properties: Power Pair**

Temperature Rating	-20°C To +60°C
Operating Voltage	300 V RMS
Max. Capacitance Between Conductors @ 1 KHz	30 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black ,Red

**Construction Parameters: Overall Cable**

Jacket Material	PVC Plenum
Overall Cable Diameter	.207" x .465"
Jacket Colors	Black
Flame Rating	NFPA 262 Flame Test
RoHS Compliant	Yes

## **Mechanical Properties:**

Max. Recommended Pull Tension  
Min. Bend Radius (Install)

42 Lbs.  
4.65

### Connectors:

75ohm BNC Crimp	CN-BM74-30-
Compression BNC	CN-FS59BNCPL4

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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