

Technical Data Sheet



RG59/U CCTV + Power Coaxial Cable Plenum



2833 West Chestnut Street
Washington, PA 15301
Toll Free: (800) 245-4964
Fax: (724) 222-6420
www.westpenn-cdt.com

PART NUMBER:	252815
DESCRIPTION:	RG59/U 20AWG Bare Copper, 95% Braid + 2 Conductor 18AWG – Siamese Construction Plenum PVC Jacket
NEC RATING:	CMP
APPROVALS:	(UL) C(UL) or c(ETL)us Listed
APPLICATION:	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

Nom. Attenuation	
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	.198" x .465"
Jacket Colors	Black or Ivory
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-BM74-32
Compression BNC	CN-BNC59MCV

Specification Issue Date: 4/12

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