

# Technical Data Sheet

## RG59/U Type CCTV Coaxial Cable

# WEST PENN WIRE



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<b>PART NUMBER:</b>	<b>25815</b>
<b>DESCRIPTION:</b>	RG59/U – 1 Conductor 20AWG Solid, 95% Bare copper braid and an overall Flex Plenum Jacket.
<b>NEC RATING:</b>	CMP
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor within duct, plenum and other spaces used for environmental air for: CCTV

### Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP – Teflon
Insulation Thickness	.138" Nom.
Number of Conductors	1 Center Conductor
Shield	95% BC Braid
Jacket Material	Flex Plenum PVC
Overall Cable Diameter	0.207" Nom.
Approximate Cable Weight	30 Lbs/1M' Nom.
Flame Rating	UL NFPA262

### Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.30
Max. Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	10	1.03
Velocity of Propagation	82% Nom.	50	1.80
Impedance	75 ohms Nom.	100	2.52
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.	400	5.30
Jacket Color	Ivory	700	7.34
RoHS Compliant	Yes	1000	8.76

### Mechanical Properties:

Max. Recommended Pull Tension	52 lbs.
Min. Bend Radius (Install)	2.1"

### Connectors and Accessories

75 ohm BNC Crimp	CN-BM74-32	Crimp Tool: TL-104	Strip Tool: TL-121
1 Pc. Compression BNC 75 ohm	CN-BNC59MCV	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST
Compression RCA	CN-RCA59MCV	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

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