

Technical Data Sheet

RG59/U Type CCTV Coaxial Cable

WEST PENN WIRE



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PART NUMBER:	25815
DESCRIPTION:	RG59/U – 1 Conductor 20AWG Solid, 95% Bare copper braid and an overall Flex Plenum Jacket.
NEC RATING:	CMP
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	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

Specification Issue Date: 4/12

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