

# Technical Data Sheet

## RG59/U CCTV Coaxial Cable + Power



# WEST PENN WIRE

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<b>PART NUMBER:</b>	<b>2815B</b>
<b>DESCRIPTION:</b>	RG59/U 20 Awg Solid Bare Copper, 95% Bare Copper Braid + 1 pair 18Awg. Unshielded - Siamese Construction with a PVC Jacket
<b>NEC RATING:</b>	CM
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for: Security Cable- CCTV

### Construction Parameters: Coaxial Cable

Conductor	20AWG Solid Bare Copper
Insulation Material	Gas injected Polyethylene
Insulation Thickness	.138" Nom.
Shield	95% Bare Copper Braid

### Construction Parameters: Twisted Pair Cable

Conductor	18 AWG (7x26) Bare Copper
Insulation Material	PVC
Insulation Thickness	.010" Nom.
Shield	Unshielded

Jacket Material	PVC Jacket
Overall Cable Diameter	.207 x .465" Nom.
Approximate Cable Weight	42 Lbs/1M' Nom.
Flame Rating	UL1685

### Electrical & Environmental Properties: Coax

Temperature Rating	-20°C To +60°C
Operating Voltage	300 VRMS
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.
Nom. Velocity of Propogation	82%
Nom. Impedance	75 Ohms
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.
Jacket Color	Black
RoHS Compliant	Yes

### Nom. Attenuation

MHz	dB/100ft
1	.29
10	.68
50	1.80
150	3.0
400	4.71
700	6.40
1000	7.80

### Mechanical Properties:

Max. Recommended Pull Tension	65 lbs
Min. Bend Radius (Install)	2.1"

### Connectors:

75 Ohms 3pc. BNC	CN-BM73-2	(Crimp Tool): TL-104	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS-2	(Crimp Tool): TL-SNSA	(Stripping Tool): TL-SNSST
Compression RCA Type	CN-CSRCA-59	(Crimp Tool): TL-SNSA	(Stripping Tool): TL-CSST

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