

# Technical Data Sheet

## Economy RG59/U Type CCTV Coaxial Cable



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<b>PART NUMBER:</b>	<b>815E</b>
<b>DESCRIPTION:</b>	RG59/U – 1 Conductor 20AWG Solid, 95% Bare copper braid and an overall 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:

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.142" Nom.
Number of Conductors	1 Center Conductor
Shield	95% Copper Alloy Braid
Jacket Material	PVC
Overall Cable Diameter	0.232" Nom.
Approximate Cable Weight	17 Lbs/1M' Nom.
Flame Rating	UL 1685

### Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.5
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	10	.90
Velocity of Propagation	82% Nom.	50	1.90
Impedance	75 ohms Nom.	100	3.2
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.	400	4.90
Jacket Color	Black	700	8.60
RoHS Compliant	Yes	1000	10.70

### Mechanical Properties:

Max. Recommended Pull Tension	41 lbs.
Min. Bend Radius (Install)	2.5"

### 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-BNCP-59 or CN-CSBNC-59	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST
Compression RCA	CN-RCAP-59 or CN-CSRCA-59	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

Specification Issue Date: 7/06

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