

Technical Data Sheet

Economical CCTV Coaxial Cable

WEST PENN WIRE



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PART NUMBER:	815E
DESCRIPTION:	RG59/U- 20 Awg. Bare Copper, 95% Braid and an overall PVC Jacket
NEC RATING:	CM
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	CCTV Baseband video

Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.142" Nom.
Shield	95% Aluminum Covered Copper
Jacket Material	PVC
Overall Cable Diameter	.210" Nom.
Approximate Cable Weight	34 Lbs/1M' Nom.
Flame Rating	UL1685 Vertical Shaft

Electrical & Environmental Properties:

		Nom. Attenuation	
		MHz	dB/100ft
Temperature Rating	-20°C To +60°C		
Operating Voltage	300 VRMS	1	.45
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	10	.9
Nom. Velocity of Propogation	82%	50	1.90
Nom. Impedance	75 Ohms	100	2.4
Shield Effectiveness	55dB Nom.	200	4.00
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.	500	7.50
Jacket Color	Black	1000	10.7
RoHS Compliant	Y		

Mechanical Properties:

Max. Recommended Pull Tension	42 lbs
Min. Bend Radius (Install)	2.1"

Connectors:

BNC Type Connector	CN-BM73-32	(Crimp Tool): TL-104	(Stripping Tool): TL-121
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Specification Issue Date: 10/06

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