

Technical Data Sheet

RG59/U Type CCTV Coaxial Cable - Outdoor

WEST PENN WIRE



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PART NUMBER:	4815
DESCRIPTION:	RG59/U – 1 Conductor 20AWG Solid, 95% Bare copper braid and Inner PVC/ Outer PE Jacket.
NEC RATING:	Outdoor
APPROVALS:	--
APPLICATION:	Outdoor 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% Bare Copper Braid
Jacket Material	Inner PVC / Outer Polyethylene
Overall Cable Diameter	0.242" Nom./ .292" Nom.
Approximate Cable Weight	35 Lbs/1M' Nom.
Flame Rating	--

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	.68
Velocity of Propagation	82% Nom.	50	1.80
Impedance	75 ohms Nom.	100	3.0
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.	400	4.71
Jacket Color	Black	700	6.40
RoHS Compliant	--	1000	7.80

Mechanical Properties:

Max. Recommended Pull Tension	63 lbs.
Min. Bend Radius (Install)	3.0"

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-CSBNC-59	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST
Compression RCA	CN-CSRCA-59	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

Specification Issue Date: 12/11

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