

# Technical Data Sheet

## RG59/U CCTV Coaxial Cable - Outdoor

# WEST PENN WIRE



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<b>PART NUMBER:</b>	<b>5990</b>
<b>DESCRIPTION:</b>	RG59/U 20 Awg. Bare Copper, 95% Bare Copper Braid , Water-blocking Gel and a sunlight resistant Polyethylene Jacket
<b>NEC RATING:</b>	Outdoor
<b>APPROVALS:</b>	--
<b>APPLICATION:</b>	Outdoor for: Security Cable- CCTV

### Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.142" Nom.
Shield	95% Bare Copper Braid
Water-blocking Gel	Water Resistant Gel
Jacket Material	Polyethylene
Overall Cable Diameter	0.232" Nom.
Approximate Cable Weight	29 Lbs/1M' Nom.
Flame Rating	--

### Electrical & Environmental Properties:

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	--

### 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	58 lbs
Min. Bend Radius (Install)	2.3"

### Connectors:

BNC Type Connector	CN-BM73-2	(Crimp Tool): TL-104	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS-2	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-SNSST
Compression RCA Type	CN-CSRCA-59	(Comp. Tool): TL-SNSA	(Stripping 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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