Technical Data Sheet- Indoor/Outdoor RG59/U Type CCTV Coaxial Cable

WEST PENN WIRE

2833 West Chestnut Street
Washington, PA 15301
Toll Free: (800) 245-4964
Fax: (724) 222-6420
www.westpenn-wpw.com

PART NUMBER:	**AQC815**
DESCRIPTION:	RG59/U – 1 Conductor 20AWG Solid, 95% Bare copper braid waterblocking tape and an overall Sunlight Resistant PVC Jacket.
NEC RATING:	CM, CL2
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor/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
Waterblocking Tape	2 Ply
Jacket Material	Sunlight Resistant PVC
Overall Cable Diameter	0.242" Nom.
Approximate Cable Weight	17 Lbs/1M' Nom.
Flame Rating	UL 1685

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.
Velocity of Propagation	82% Nom.
Impedance	75 ohms Nom.
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.
Jacket Color	Black
RoHS Compliant	Yes

Mhz	db/100ft
1	.5
10	.68
50	1.80
100	3.0
400	4.71
700	6.40
1000	7.80

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-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: 7/06

This document is the property of West Penn Wire. The information contained herein is considered Proprietary and not to be reproduced by any means Without written consent of West Penn Wire

Standard Lengths are 1000ft.
The Jacket is sequentially footmarked.
The information presented here is, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.