Technical Data Sheet
RG59/U CCTV Coaxial Cable

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

PART NUMBER: **252815**

DESCRIPTION: RG59/U 20 Awg. Solid Bare Copper, 95% Bare Copper Braid and PVC Plenum jacket + 1 pair 18Awg. Unshielded- Siamese Construction.

NEC RATING: CMP

APPROVALS: (UL) C(UL) Listed or c(ETL)us Listed

APPLICATION: Indoor within ducts, plenums, and other spaces used for environmental air for (CCTV, Security Applications)

Construction Parameters: Coaxial Cable

Conductor	20 AWG Bare Copper- Solid
Insulation Material	Foam FEP
Insulation Thickness	.138" Nom.
Shield	95% Bare Copper Braid

Construction Parameters: Twisted Pair

Conductor	18 AWG (7x26) Bare Copper
Insulation Material	Flouropolymer
Insulation Thickness	.007" Nom.
Shield	Unshielded

Jacket Material	PVC Plenum
Overall Cable Diameter	0.207x465" Nom.
Approximate Cable Weight	42 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

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	Ivory
RoHS Compliant	Yes

Nom. Attenuation

MHz	dB/100ft
1	.30
10	.68
50	1.80
100	2.52
400	5.30
700	7.24
1000	8.76

Mechanical Properties:

Max. Recommended Pull Tension	63 lbs
Min. Bend Radius (Install)	2.10”

Connectors:

BNC Type Connector	CN-BM53-30	(Comp. Tool): TL-103	(Stripping Tool): TL-121
75 Ohms 3pc BNC	CN-BM73-30	(Comp. Tool): TL-104	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCNSNS-10	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-SNSST

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.

.