

Technical Data Sheet

RG6/U CCTV Coaxial Cable + Power



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:	2806B
DESCRIPTION:	RG6/U 18 Awg. .040 Solid Bare Copper, 95% Bare Copper Braid + 1 pair 16Awg. Unshielded - Siamese Construction with a PVC Jacket
NEC RATING:	CM
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: Security Cable- CCTV

Construction Parameters: Coaxial Cable

Conductor	18AWG Solid Bare Copper
Insulation Material	Gas injected Polyethylene
Insulation Thickness	.180" Nom.
Shield	95% Bare Copper Braid

Construction Parameters: Twisted Pair Cable

Conductor	16 AWG (19x29) Bare Copper
Insulation Material	PVC
Insulation Thickness	.010" Nom.
Shield	Unshielded

Jacket Material	PVC Jacket
Overall Cable Diameter	.280 x .580" Nom.
Approximate Cable Weight	65 Lbs/1M' Nom.
Flame Rating	UL1685

Electrical & Environmental Properties: Coax

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	6.5 Ohms/1M' Nom.
Jacket Color	Black
RoHS Compliant	Yes

Nom. Attenuation

MHz	dB/100ft
1	.24
10	.52
50	1.18
100	1.83
400	3.95
700	5.38
1000	6.45

Mechanical Properties:

Max. Recommended Pull Tension	84 lbs
Min. Bend Radius (Install)	2.75"

Connectors:

75 Ohms 3pc. BNC	CN-BM73-5	(Crimping Tool): TL-107	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS-5	(Crimping Tool): TL-SNSA	(Stripping Tool): TL-SNSST
Compression RCA Type	CN-CSRCA-6	(Crimping Tool): TL-SNSA	(Stripping Tool): TL-CSST

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.

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

