

Technical Data Sheet

RG6/U CCTV + Power Coaxial Cable

WEST PENN WIRE



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PART NUMBER:	2806B
DESCRIPTION:	RG6/U 18AWG Bare Copper, 95% Braid + 2 Conductor 16AWG – Siamese Construction
NEC RATING:	CM
APPROVALS:	(UL) or (ETL)us Listed
APPLICATION:	CCTV Indoor Baseband video

Construction Parameters: Coaxial Cable

Conductor	18 AWG Bare Copper RG6/U
Stranding	Solid
Insulation Material	Gas Injected Polyethylene (PE)
Insulation Thickness	0.180" Nom.
Shield	95 % Bare Copper Braid
Jacket Material	PVC

Nom. Attenuation

Mhz	db/100ft
1	.29
10	.68
50	1.80
150	3.0
200	3.54
400	4.71
1000	7.80

Electrical & Environmental Properties: Coaxial Cable

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max. Capacitance Between Conductors @ 1 KHz	16.2pf/ft Nom.
Nom. Velocity of Propagation	82%

Construction Parameters: Power Pair

Conductor	16 AWG Bare Copper
Stranding	Stranded
Insulation Material	PVC
Insulation Thickness	0.008" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	PVC

Electrical & Environmental Properties: Power Pair

Temperature Rating	-20°C To +60°C
Operating Voltage	300 V RMS
Max. Capacitance Between Conductors @ 1 KHz	30 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	4.4 Ohms/1M' Nom.
Insulation Colors	Black ,Red

Construction Parameters: Overall Cable

Jacket Material	PVC
Overall Cable Diameter	.280"x.580"
Jacket Colors	Black
Flame Rating	UL1685
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension
Min. Bend Radius (Install)

-- Lbs.
5.80

Connectors:

75ohm BNC Crimp	CN-BM73-5
Compression BNC	CN-CSBNC-6

Specification Issue Date: 7/06

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The Jacket is sequentially footmarked.
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