Technical Data Sheet
CCTV + Power Coaxial Cable

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PART NUMBER:	**2815B**
DESCRIPTION:	RG59/U 20AWG Bare Copper, 95% Braid + 2 Conductor 18AWG – Siamese Construction
NEC RATING:	CM
APPROVALS:	(UL) or (ETL)us Listed
APPLICATION:	CCTV Indoor Baseband video

Construction Parameters: Coaxial Cable

Conductor	20 AWG Bare Copper RG59/U
Stranding	Solid
Insulation Material	Gas Injected Polyethylene (PE)
Insulation Thickness	0.138" Nom.
Shield	95 % Bare Copper Braid
Jacket Material	PVC

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%

Nom. Attenuation

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

Construction Parameters: Power Pair

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	PVC
Insulation Thickness	0.010" 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	6.2 Ohms/1M' Nom.
Insulation Colors	Black ,Red

Construction Parameters: Overall Cable

Jacket Material	PVC
Overall Cable Diameter	.232” x .465”
Jacket Colors	Black
Flame Rating	UL1685
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	-- Lbs.
Min. Bend Radius (Install)	4.65

Connectors:

75ohm BNC Crimp	CN-BM74-32
Compression BNC	CN-BNC59MCV

Specification Issue Date: 4/12

Standard Lengths are 1000ft.
The Jacket is sequentially footmarked.
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