

# Technical Data Sheet

## RG6/U CCTV Coaxial Cable- Outdoor



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<b>PART NUMBER:</b>	<b>4806</b>
<b>DESCRIPTION:</b>	RG6/U 18 Awg. Solid Bare Copper, 95% Bare Copper Braid and Double Jacket – Inner PVC jacket, Outer Polyethylene Jacket
<b>NEC RATING:</b>	Outdoor
<b>APPROVALS:</b>	--
<b>APPLICATION:</b>	Outdoor for: Security Cable- CCTV

### Construction Parameters:

Conductor	18AWG Bare Copper
Stranding	Solid
Insulation Material	Gas injected Polyethylene
Insulation Thickness	.180" Nom.
Shield	95% Bare Copper Braid
Jacket Material	PVC (Inner) Polyethylene (Outer)
Overall Cable Diameter	.280" PVC .330" PE Nom.
Approximate Cable Weight	44 Lbs/1M' Nom.
Flame Rating	--

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

### 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	75 lbs
Min. Bend Radius (Install)	3.30"

### Connectors:

BNC Type Connector	CN-BN51-5	(Crimp Tool): -	(Stripping Tool): TL-120
75 Ohms 3pc. BNC	CN-BM73-5	(Crimp Tool): TL-107	(Stripping Tool): TL-121

Specification Issue Date: 7/06

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