

# Technical Data Sheet

## RG59/U CCTV Coaxial Cable- Outdoor



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|                     |   |
|---------------------|---|
| <b>PART NUMBER:</b> | <b>4815</b>   |
| <b>DESCRIPTION:</b> | RG59/U 20 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                | 20 AWG Bare Copper               |
| Stranding                | Solid                            |
| Insulation Material      | Gas Injected Polyethylene        |
| Insulation Thickness     | .142" Nom.                       |
| Shield                   | 95% Bare Copper Braid            |
| Jacket Material          | PVC (inner) Polyethylene (outer) |
| Overall Cable Diameter   | 0.242" PVC - .292" PE Nom.       |
| Approximate Cable Weight | 35 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      | 10.1 Ohms/1M' Nom. |
| Jacket Color                               | Black              |
| RoHS Compliant                             | --                 |

### Nom. Attenuation

| MHz  | dB/100ft |
|------|----------|
| 1    | .29      |
| 10   | .68      |
| 50   | 1.80     |
| 150  | 3.0      |
| 400  | 4.71     |
| 700  | 6.40     |
| 1000 | 7.80     |

### Mechanical Properties:

|                               |        |
|-------------------------------|--------|
| Max. Recommended Pull Tension | 63 lbs |
| Min. Bend Radius (Install)    | 2.92"  |

### Connectors:

|                      |             |                       |                            |
|----------------------|-------------|-----------------------|----------------------------|
| BNC Type Connector   | CN-BM73-2   | (Crimp Tool): TL-104  | (Stripping Tool): TL-121   |
| Compression BNC Type | CN-BNCSNS-2 | (Comp. Tool): TL-SNSA | (Stripping Tool): TL-SNSST |
| Compression RCA Type | CN-CSRCA-59 | (Comp. Tool): TL-SNSA | (Stripping Tool): TL-CSST  |

Specification Issue Date: 7/06

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