

Technical Data Sheet- Indoor/Outdoor RG6/U Type CCTV Coaxial Cable

WEST PENN WIRE



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| | |
|---------------------|---|
| PART NUMBER: | AQC806 |
| DESCRIPTION: | RG6/U – 1 Conductor 18 AWG Solid, 95% Bare copper braid Water blocking tape and an overall Sunlight Resistant PVC Jacket. |
| NEC RATING: | CM |
| APPROVALS: | (UL) C(UL) Listed or c(ETL)us Listed |
| APPLICATION: | Indoor/Outdoor for: Security Cable - CCTV |

Construction Parameters:

| | |
|--------------------------|---------------------------|
| Conductor | 18 AWG Bare Copper |
| Stranding | Solid |
| Insulation Material | Gas Injected Polyethylene |
| Insulation Thickness | .180" Nom. |
| Number of Conductors | 1 Center Conductor |
| Shield | 95% Bare Copper Braid |
| Water Blocking Tape | 2 Ply |
| Jacket Material | Sunlight Resistant PVC |
| Overall Cable Diameter | 0.280" Nom. |
| Approximate Cable Weight | 26 Lbs/1M' Nom. |
| Flame Rating | UL 1685 |

Electrical & Environmental Properties:

| | | Mhz | db/100ft |
|--|---------------------|------------|-----------------|
| Temperature Rating | -20deg C to 60deg C | 1 | .24 |
| Max.Capacitance Between Conductors @ 1 KHz | 16.2 pf/ft Nom. | 10 | .52 |
| Velocity of Propagation | 82% Nom. | 50 | 1.18 |
| Impedance | 75 ohms Nom. | 100 | 1.83 |
| DC Resistance per Conductor @ 20deg C | 6.5 Ohms/1M' Nom. | 400 | 3.95 |
| Jacket Color | Black | 700 | 5.38 |
| RoHS Compliant | Yes | 1000 | 6.45 |

Mechanical Properties:

| | |
|-------------------------------|---------|
| Max. Recommended Pull Tension | 41 lbs. |
| Min. Bend Radius (Install) | 2.5" |

Connectors and Accessories

| | | | |
|------------------------|------------|---------------------|---------------------|
| 75 ohm BNC Crimp | CN-BM73-5 | Crimp Tool: TL-107 | Strip Tool: TL-121 |
| Compression BNC 75 ohm | CN-BNC6MCV | Comp. Tool: TL-SNSA | Strip Tool: TL-CSST |
| Compression RCA | CN-RCA6MCV | Comp. Tool: TL-SNSA | Strip Tool: TL-CSST |

Specification Issue Date: 4/12

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