



HQ841

RG6/U BC Type CATV Quad Shield
CATV/MATV DBS

Construction & Dimensions

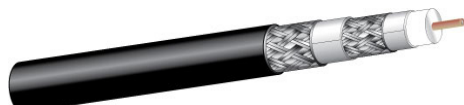
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|--------------------------------|---|
| CONSTRUCTION & DIMENSIONS | - |
| CONDUCTOR PARAMETER | - |
| • Number of Conductors | 1 |
| • AWG Size | 18 |
| • Conductor Stranding | Solid |
| • Conductor Type | Bare copper |
| • Nominal DCR | 6.5 Ohm/1000ft |
| INSULATION PARAMETER | - |
| • Insulation Type | Foam Polyethylene |
| • Insulation Thi kness | 0.18 in |
| SHIELDING PARAMETER | - |
| • Shield Type | Overall 100% Aluminum Foil + Aluminum Braid |
| • Shield Type 2 | Overall 100% Aluminum Foil + Aluminum Braid |
| ELECTRICAL CHARACTERISTICS | - |
| • Nominal Impedance | 75 Ohm |
| • Nom. Cap. Between Conductors | 16.2 pF/ft |

Overall Construction

| | |
|---------------------------------|----------|
| OVERALL CONSTRUCTION PARAMETERS | - |
| Jacket Type | PVC |
| Nominal Cable O.D. | 0.295 in |
| Plenum | No |
| NEC UL Rating | CATV |
| RoHS Compliant | Yes |
| Bend Radius | 2.94 in |
| Cable Weight | 40 lbs |

Overall Electrical & Optical Characteristics

| | |
|--|-----------------|
| OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS | - |
| Nominal Velocity of Propagation (VP) | 82 % |
| UL Flammability | UL1685 |
| Operating Range | -20 to 60 Deg C |
| UL Voltage Rating | 300 |



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Attenuation

| FREQUENCY (MHz) | ATTENUATION (db/100ft) |
|-----------------|------------------------|
| 5 MHz | 0.57 dB |
| 55 MHz | 1.45 dB |
| 100 MHz | 1.85 dB |
| 270 MHz | 3.07 dB |
| 400 MHz | 3.85 dB |
| 540 MHz | 4.6 dB |
| 750 MHz | 5.4 dB |
| 1000 MHz | 6.3 dB |
| 1450 MHz | 8.05 dB |
| 2250 MHz | 9.99 dB |
| 3000 MHz | 11.9 dB |

Related Products

| RELATED PRODUCTS | - |
|----------------------|-----------|
| Plenum Number | 25Q841 |
| "F" Type Crimp | CN-F56ALX |
| "F" Type Compression | CN-F6MCV |