



25821

RG11/U BC Type CATV Dual Shield Plenum
CATV/MATV DBS

Construction & Dimensions

| | |
|--------------------------------|----------------------------|
| CONSTRUCTION & DIMENSIONS | - |
| CONDUCTOR PARAMETER | - |
| • Number of Conductors | 1 |
| • AWG Size | 14 |
| • Conductor Stranding | Solid |
| • Conductor Type | Bare copper |
| • Nominal DCR | 2.6 Ohm/1000ft |
| INSULATION PARAMETER | - |
| • Insulation Type | Foam FEP |
| • Insulation Thickness | 0.28 in |
| SHIELDING PARAMETER | - |
| • Shield Type | Overall 100% Aluminum Foil |
| • Shield Type 2 | Aluminum Braid |
| ELECTRICAL CHARACTERISTICS | - |
| • Nominal Impedance | 75 Ohm |
| • Nom. Cap. Between Conductors | 16.2 pF/ft |

Overall Construction

| | |
|---------------------------------|----------|
| OVERALL CONSTRUCTION PARAMETERS | - |
| Jacket Type | PVDF |
| Nominal Cable O.D. | 0.352 in |
| Plenum | Yes |
| NEC UL Rating | CATVP |
| RoHS Compliant | Yes |
| Pull Tension | 150 lbs |
| Bend Radius | 3.516 in |
| Cable Weight | 80 lbs |

Overall Electrical & Optical Characteristics

| | |
|--|-----------------|
| OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS | - |
| Nominal Velocity of Propagation (VP) | 82 % |
| UL Flammability | NFPA 262 Plenum |
| Operating Range | -0 to 60 Deg C |
| UL Voltage Rating | 300 |



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Attenuation

| FREQUENCY (MHz) | ATTENUATION (db/100ft) |
|-----------------|------------------------|
| 5 MHz | 0.25 dB |
| 55 MHz | 1 dB |
| 100 MHz | 1.5 dB |
| 270 MHz | 2 dB |
| 400 MHz | 2.98 dB |
| 540 MHz | 3.5 dB |
| 750 MHz | 4.9 dB |
| 1000 MHz | 5.5 dB |
| 1450 MHz | 6 dB |
| 2250 MHz | 7.95 dB |
| 3000 MHz | 9.19 dB |

Related Products

| RELATED PRODUCTS | - |
|----------------------|-----------|
| Non Plenum Number | 821 |
| “F” Type Crimp | CN-F11TFE |
| “F” Type Compression | CN-FS11PL |
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