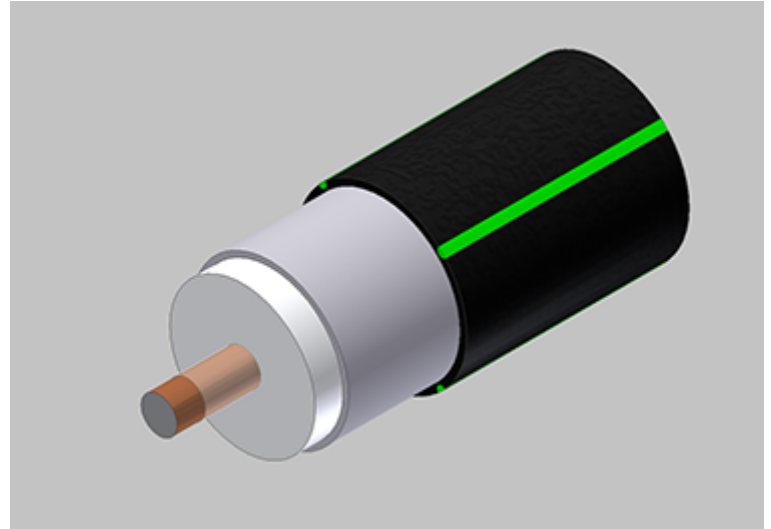


875 Series Coaxial Cable
 Copper Clad Aluminum Conductor
 Foamed Polyethylene Dielectric
 Seamless Aluminum Tube Outer Conductor
 Medium Density Polyethylene Jacket w/
 RodentRepel® Animal Aversive Additive*
 Green Tracer Stripes (2X)



Cable Ordering Information

| Part Number | Description | NEC / CE Listing |
|----------------------|-----------------------|------------------|
| 750875JT00BK16300001 | T10875JVI / GNGN (AA) | |

Characteristics

| Material | Detail | inches | mm |
|-----------------|-------------------------------|--------|------|
| Inner Conductor | Copper Clad Aluminum | 0.194 | 4.93 |
| Dielectric | Foamed Polyethylene | 0.797 | 20.2 |
| Outer Conductor | Seamless Aluminum Tube | 0.875 | 22.2 |
| Floodant | --- | --- | --- |
| Jacket | Polyethylene, Outdoor, Black* | 0.945 | 24.0 |
| Messenger | --- | --- | --- |
| Cable Width | --- | --- | --- |
| | --- | --- | --- |
| | --- | --- | --- |

Mechanical Specifications

| | | | |
|-------------------------------|-------------|-----|--------|
| Minimum Bend Radius, in. (mm) | | 7.0 | (178) |
| Product Weight | (less reel) | 256 | (381) |

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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Electrical Specifications

| | | |
|----------------------------|----------------|---------------|
| Impedance, Ω | 75 \pm 2 | |
| Velocity of Propagation, % | 87 | |
| Capacitance, Nominal | 15.3 pF/ft | 50.2 pF/m |
| DC Resistance | Ω / kft | Ω / km |
| Inner Conductor | 0.42 | 1.38 |
| Outer Conductor | 0.13 | 0.43 |
| Loop | 0.55 | 1.81 |

Attenuation, Maximum @ 68 °F (20 °C)

| Frequency, MHz | dB / 100 ft | dB / 100 m |
|----------------|-------------|------------|
| 5 | 0.09 | 0.30 |
| 55 | 0.32 | 1.05 |
| 85 | 0.40 | 1.31 |
| 211 | 0.64 | 2.10 |
| 250 | 0.70 | 2.30 |
| 270 | 0.73 | 2.40 |
| 300 | 0.78 | 2.56 |
| 330 | 0.82 | 2.69 |
| 350 | 0.84 | 2.76 |
| 400 | 0.91 | 2.99 |
| 450 | 0.97 | 3.18 |
| 500 | 1.03 | 3.38 |
| 550 | 1.09 | 3.58 |
| 600 | 1.14 | 3.74 |
| 750 | 1.29 | 4.23 |
| 870 | 1.41 | 4.63 |
| 1002 | 1.53 | 5.02 |
| 1100 | 1.61 | 5.28 |
| 1200 | 1.69 | 5.54 |
| 1218 | 1.71 | 5.61 |
| 1300 | 1.76 | 5.77 |
| 1400 | 1.84 | 6.04 |
| 1625 | 1.93 | 6.33 |
| 1600 | 2.01 | 6.59 |
| 1700 | 2.05 | 6.73 |
| 1794 | 2.12 | 6.96 |
| 1800 | 2.13 | 6.99 |
| 2000 | 2.29 | 7.51 |
| 2200 | 2.43 | 7.97 |
| 2400 | 2.56 | 8.40 |
| 2600 | 2.69 | 8.83 |
| 2800 | 2.81 | 9.22 |
| 3000 | 2.92 | 9.58 |

Structural Return Loss

| | | |
|-----|--------|-----|
| MHz | | dB |
| | 5-1002 | -30 |

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