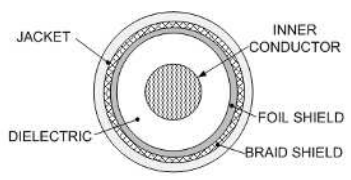
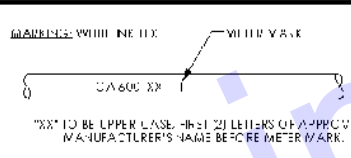


Low Loss Coaxial Cable Specification CA-600

| Specification | | 600 SERIES | | Construction DWG. | | | |
|---|----------------|----------------------------|--|---|--|---|--|
| Construction Item | | Component | |  | | | |
| Inner Conductor | Diameter | .18" [4.47mm] | | | | | |
| | Material | Solid Copper Clad Aluminum | | | | | |
| Dielectric | Diameter | .450" [11.43mm] | | | | | |
| | Material | Physical Foam Polyethylene | | | | | |
| Foil Shield | Diameter | .455" [11.56mm] | | | | | |
| | Material | Bonded Aluminum Foil | | | | | |
| Braid Shield | Diameter | .492" [12.50mm] | | | | Marking On Surface | |
| | Material | Tinned Copper Braid | | | |  | |
| Jacket | Diameter | .590" [14.99mm] | | | | | |
| | Material | UV Resistant Polyethylene | | | | | |
| | | Color | Black | | | | |
| Electrical Characteristics | | | Attenuation (Typical) | | | | |
| Capacitance (pF/m) | 76.8 | | Frequency (MHz) | Attenuation dB (100m / 100ft) | | | |
| Impedance (Ohms) | 50 | | 30 | 1.4 / 0.4 | | | |
| Velocity (%) | 87 | | 50 | 1.8 / 0.6 | | | |
| Center Conductor Resistance (Ω/km) | 1.09 | | 150 | 3.2 / 1.0 | | | |
| | | | 220 | 3.9 / 1.2 | | | |
| Outer Conductor Resistance (Ω/km) | 3.94 | | 450 | 5.6 / 1.7 | | | |
| | | | 900 | 8.2 / 2.5 | | | |
| Shielding Effectiveness (dB) | >90 | | 1500 | 10.9 / 3.3 | | | |
| Cutoff Frequency (GHz) | 10.3 | | 1800 | 12.1 / 3.7 | | | |
| Peak Power (kW) | 40 | | 2000 | 12.8 / 3.9 | | | |
| | | | 2500 | 14.5 / 4.4 | | | |
| | | | 5800 | 23.8 / 7.3 | | | |
| Mechanical and Environmental Characteristics | | | | | | | |
| Min. Bend Radius (Static) | 1.50" [38.1mm] | | Min. Bending Radius (in/mm) (repeated) | 6.0 [152.4] | | | |
| Min. Bend Radius (Repeat) | 6.0" [152.4mm] | | | | | | |
| Operating Temp (°C) | -40°C to +85°C | | Cable Weight (kg/m)(lb/ft) | .195 / .131 | | | |
| Listings/Ratings: | | | | | | | |
| ROHS, CE | | | | | | | |
| Packaging: | | | | | | | |
| CABLE PACKAGED ON BULK REELS (EX. 500 FT REEL, 1000 FT REEL) SHALL BE ONE CONTINUOUS PIECE OF CABLE. USING INDIVIDUAL CABLE SPLICES TO MAKE A REQUIRED BULK REEL LENGTH IS NOT ACCEPTABLE. CABLE LENGTH TOLERANCE = +5% / -0% | | | | | | | |