



一、 Technical parameter

| Type | Cable Type 100 |
|-----------------------------|----------------|
| Specification | CAI-011 |
| Conductor | |
| Conductor material | BC |
| Conductor Construction (mm) | 1.02±0.03 |
| -011Insulation | |
| Insulation material | Foam PE |
| Insulation diameter(mm) | 4.6±0.1 |
| Average Thickness (mm) | 1.50 |
| Min Thickness (mm) | 1.35 |
| Shield | |
| shield material | AL/PET |
| Braid | |
| Braid material | TC |
| Braid coverage | 60% |
| Jacket | |
| Jacket material | PVC |
| Jacket Diameter(mm) | 6.5±0.2 |
| Average Thickness (mm) | 0.50 |
| Min Thickness (mm) | 0.45 |
| Color | Black |

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|---|-------------------------|--|-------------------------|
| Specification | | CAI-011 | |
| Electrical & Physical Characteristics: | | | |
| Inner Conductor DCR 20°C | | ≤26Ω/KM | |
| Outer Conductor DCR 20°C | | ≤15Ω/KM | |
| Operating Temperature Range | | - 15°C ~70°C | |
| Nominal Impedance (Ohm) | | 75±3 | |
| Capacitance (pF/M) | | 50±3 | |
| Return Loss (dB) | | 5-30 Mhz >23 30-470Mhz >23 470-862Mhz >20 862-2150Mhz >18 | |
| Frequency(Mhz) | Insertion Loss ≤dB/100M | Insertion Loss ≤dB/100M | Insertion Loss ≤dB/100M |
| 5 | 1.6 | 860 | 19.5 |
| 50 | 4.6 | 1000 | 21.5 |
| 100 | 6.5 | 1750 | 29.0 |
| 200 | 9.5 | 2150 | 32.5 |
| 460 | 15.0 | | |