**50 Ω, 23 AWG SOLID, CU MICRO COAX CABLE**

![Image of a cable with dimensions and specifications](image)

**PERFORMANCE DATA**

- **Capacitance:** 29.8 pF/ft (nominal)
- **Propagation Delay:** 1.45 ns/ft
- **Flex Cycles:** 600 cycles, single conductor*
- **Current Rating:** Single conductor = 6.9 Amps**
- **Shield DCR:** 10.8 Ω/1000 ft
- **CC DCR:** 21.6 Ω/1000 ft
- **Min. Bend Radius:** .125"
- **Availability:** Single
- **Temperature Rating:** -65 °C to 125 °C ***
- **Flammability Rating:** UL VW-1†
- **DWV Working Voltage:** 375 V‡

**INSERTION LOSS AND RETURN LOSS GRAPHS**

<table>
<thead>
<tr>
<th>Insertion Loss</th>
<th>0.25 m</th>
<th>1 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3 dB</td>
<td>&gt;50 GHz</td>
<td>15 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;50 GHz</td>
<td>&gt;50 GHz</td>
</tr>
</tbody>
</table>

* Test Conditions – 4 oz. weight, dia 7/8” mandrel, +/-90° bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
*** Temperature Rating – Heat Shock/Cold Soak per UL #1581, wire wrap 1/4” mandrel, visual inspection
†MWC-2350CU-01 has undergone UL VW-1 Research Testing and complies with UL 758.
‡Test Conditions – IR/DWV/Thermal Shock/Humidity per EIA-364-20, 21, 31 and 32

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1IL and RL data is typical. Results may vary.
DUT terminated with SMA Connector and has not been de-embedded.