### Features
- RoHS compliant
- wideband coverage, DC to 18 GHz
- extra rugged construction with strain relief for longer life
- stainless steel SMA connectors for long mating-cycle life
- useful over temperature range, -55°C to 105°C
- triple shield cable for excellent shielding effectiveness
- flexible for easy connection & bend radius
- superior stability of insertion loss, VSWR & phase vs. flexing
- 6 month guarantee

### Applications
- high volume production test stations
- research & development labs
- environmental & temperature test chambers
- replacement for OEM test port cables
- field RF testing
- cellular infrastructure site testing

### Electrical Specifications at 25°C

<table>
<thead>
<tr>
<th>FREQUENCY (MHz)</th>
<th>INSERTION LOSS (dB)</th>
<th>RETURN LOSS (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.00</td>
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<td>53.78</td>
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<tr>
<td>500.00</td>
<td>0.48</td>
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<td>18000.00</td>
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</tbody>
</table>

### Cable Cross Section
- Jacket
- Interlayer
- Shield
- Inner Conductor
- Dielectric
- Outer Shield

### Outline Dimensions (inch mm)
- A: 1.83 46.97
- B: 10.67 272.1
- C: 9.72 247.0
- D: 10.67 272.1
- E: 7.92 200.7
- F: 0.18 4.6
- T: 0.05 1.3
- wt: 145 grams

### Typical Performance Data

- Insertion Loss (dB)
- Return Loss (dB)

### Notes:
1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet.
2. Electrical specifications and performance data contained herein are based on Mini-Circuits’ applicable established test performance criteria and measurement instructions.
3. The products covered by this specification sheet are subject to Mini-Circuits’ standard limited warranty and terms and conditions (collectively, “Standard Terms”). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits’ website at www.minicircuits.com/MCLStore/terms.jsp.

### Product Guarantee
- Mini-Circuits’ will repair or replace your test cable at its option if the connector attachment fails within six months of shipment. This guarantee excludes cable or connector interface damage from misuse or abuse.