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ISSUE **12/07/2021**

SERIES **TestPro Cable**

PART NUMBER **2001481490914ZT**

All dimensions are in mm  
For more details, please see connectors TDS



### DESIGNATION

Cable	<b>Armoured measurement cable - P/N - TestPro 2</b>
Connector Left	<b>1.85 mm - straight plug - Passivated stainless steel - P/N: R327900021</b>
Connector Right	<b>1.85 mm - straight jack - Passivated stainless steel - P/N: R327920001</b>
Assembly Length	<b>914 mm / 35.98 inch (tolerance = ± 2%)</b>
Assembly Weight	<b>156.88 gr / 5.53 oz (tolerance = ± 5%)</b>

### ELECTRICAL CHARACTERISTICS

Characteristic impedance	<b>50 Ohms</b>
Max operating frequency	<b>67.0 GHz</b>
Assembly Typ Insertion Loss	<b>6.07 dB (at 20 °C, at 67.0 GHz )</b>
Assembly Typ VSWR	<b>1.45 (at 67.0 GHz )</b>
Assembly Max. Insertion Loss	<b>7.06 dB (at 20 °C, at 67.0 GHz )</b>
Assembly Max VSWR	<b>1.50 (at 67.0 GHz )</b>
Assembly Max Return Loss	<b>14.0 dB (at 67.0 GHz )</b>
Phase stability vs. Temp	<b>4° / m / GHz (-55° / +100°C)</b>
Dielectric withstanding voltage	<b>500 V</b>
Insulation resistance	<b>5000 M.Ohms</b>
Other	<b>Amplitude stability typ. (dB) 0.04 @ 50GHz / 0.05 @ 67GHz</b> <b>Phase with flexure stability typ. 6° @ 50GHz / 8° @ 67GHz</b> <b>Note: Max IL are indicative only when superior to 40dB</b>

### MECHANICAL CHARACTERISTICS

Cable Outer diameter	<b>6.2 mm Max   0.244 inch</b>
Static bending radius	<b>25.0 mm   0.98 inch</b>
Dynamic bending radius	<b>50.0 mm   1.97 inch</b>
Other	<b>Flexure life cycle &gt; 20,000</b> <b>Mating cycles durability &gt; 5,000</b>

### ENVIRONMENTAL CHARACTERISTICS

Temperature range	<b>-55 +125°C</b>
Fire resistance	<b>Yes</b>
RoHS	<b>Yes</b>

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