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



DESIGNATION

Cable	**Measurement cable - P/N - TestPro 3 Low Profile**
Connector Left	**SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801331**
Connector Right	**SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801331**
Assembly Length	**1524 mm / 60.00 inch (tolerance = ± 2%)**
Assembly Weight	**136.20 gr / 4.80 oz (tolerance = ± 5%)**

ELECTRICAL CHARACTERISTICS

Characteristic impedance	**50 Ohms**
Max operating frequency	**40.0 GHz**
Assembly Typ Insertion Loss	**4.72 dB (at 20 °C, at 40.0 GHz)**
Assembly Typ VSWR	**1.35 (at 40.0 GHz)**
Assembly Max. Insertion Loss	**5.22 dB (at 20 °C, at 40.0 GHz)**
Assembly Max VSWR	**1.40 (at 40.0 GHz)**
Assembly Max Return Loss	**15.6 dB (at 40.0 GHz)**
Phase stability vs. Temp	**4° / m / GHz (-55° / +100°C)**
Dielectric withstanding voltage	**1000 V**
Insulation resistance	**5000 M.Ohms**
Other	**Amplitude stability typ. (dB) 0,05 @ 40GHz**
	Phase with flexure stability typ. 4,8° @ 40GHz
	Note: Max IL are indicative only when superior to 40dB

MECHANICAL CHARACTERISTICS

Cable Outer diameter	**3.64 mm Max | 0.143 inch**
Static bending radius	**25.0 mm | 0.98 inch**
Dynamic bending radius	**50.0 mm | 1.97 inch**
Other	**Flexure life cycle > 20,000**
	Mating cycles durability > 5,000

ENVIRONMENTAL CHARACTERISTICS

Temperature range	**-55 +125°C**
Fire resistance	**Yes**
RoHS	**Yes**

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