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| PAGE 1/1 | ISSUE 28/08/2024 | SERIES TestPro Cable | PART NUMBER 0100010012440HR |
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All dimensions are in mm
For more details, please see connectors TDS



DESIGNATION

| | |
|-----------------|---|
| Cable | Measurement cable - P/N - TestPro 4.2 |
| Connector Left | SMA - straight plug - passivated stainless steel - P/N: M125064C00 |
| Connector Right | SMA - straight plug - passivated stainless steel - P/N: M125064C00 |
| Assembly Length | 2440 mm / 96.06 inch (tolerance = ± 2%) |
| Assembly Weight | 162.40 gr / 5.73 oz (tolerance = ± 5%) |

ELECTRICAL CHARACTERISTICS

| | |
|---------------------------------|--|
| Characteristic impedance | 50 Ohms |
| Max operating frequency | 20.0 GHz |
| Assembly Typ Insertion Loss | 5.85 dB (at 20 °C, at 20.0 GHz) |
| Assembly Typ VSWR | 1.22 (at 20.0 GHz) |
| Assembly Max. Insertion Loss | 6.43 dB (at 20 °C, at 20.0 GHz) |
| Assembly Max VSWR | 1.27 (at 20.0 GHz) |
| Assembly Max Return Loss | 18.5 dB (at 20.0 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) 0,08 @ 18GHz Phase with flexure stability typ. 2,2° @18GHz Note: Max IL are indicative only when superior to 40dB |

MECHANICAL CHARACTERISTICS

| | |
|------------------------|---|
| Cable Outer diameter | 4.81 mm Max 0.189 inch |
| Static bending radius | 25.0 mm 0.98 inch |
| Dynamic bending radius | 50.0 mm 1.97 inch |
| Other | Flexure life cycle > 10,000 Mating cycles durability > 5,000 |

ENVIRONMENTAL CHARACTERISTICS

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