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| PAGE 1/1 | ISSUE 12/07/2021 | SERIES TestPro Cable | PART NUMBER 1800940921219PJ |
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All dimensions are in mm
For more details, please see connectors TDS



DESIGNATION

| | |
|-----------------|---|
| Cable | Armoured measurement cable - P/N - TestPro 3 |
| Connector Left | SMA 2.9 - straight jack - passivated stainless steel - P/N: R299776101 |
| Connector Right | SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801321 |
| Assembly Length | 1219 mm / 47.99 inch (tolerance = ± 2%) |
| Assembly Weight | 242.85 gr / 8.57 oz (tolerance = ± 5%) |

ELECTRICAL CHARACTERISTICS

| | |
|---------------------------------|---|
| Characteristic impedance | 50 Ohms |
| Max operating frequency | 40.0 GHz |
| Assembly Typ Insertion Loss | 3.86 dB (at 20 °C, at 40.0 GHz) |
| Assembly Typ VSWR | 1.35 (at 40.0 GHz) |
| Assembly Max. Insertion Loss | 4.27 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 | 750 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 | 7.29 mm Max 0.287 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 |