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| PAGE 1/1 | ISSUE 12/07/2021 | SERIES TestPro Cable | PART NUMBER 2001481491219ZT |
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All dimensions are in mm
For more details, please see connectors TDS



DESIGNATION

| | |
|-----------------|---|
| Cable | Armoured measurement cable - P/N - TestPro 2 |
| Connector Left | 1.85 mm - straight plug - Passivated stainless steel - P/N: R327900021 |
| Connector Right | 1.85 mm - straight jack - Passivated stainless steel - P/N: R327920001 |
| Assembly Length | 1219 mm / 47.99 inch (tolerance = ± 2%) |
| Assembly Weight | 189.21 gr / 6.67 oz (tolerance = ± 5%) |

ELECTRICAL CHARACTERISTICS

| | |
|---------------------------------|---|
| Characteristic impedance | 50 Ohms |
| Max operating frequency | 67.0 GHz |
| Assembly Typ Insertion Loss | 7.91 dB (at 20 °C, at 67.0 GHz) |
| Assembly Typ VSWR | 1.45 (at 67.0 GHz) |
| Assembly Max. Insertion Loss | 9.23 dB (at 20 °C, at 67.0 GHz) |
| Assembly Max VSWR | 1.50 (at 67.0 GHz) |
| Assembly Max Return Loss | 14.0 dB (at 67.0 GHz) |
| Phase stability vs. Temp | 4° / m / GHz (-55° / +100°C) |
| Dielectric withstanding voltage | 500 V |
| Insulation resistance | 5000 M.Ohms |
| Other | Amplitude stability typ. (dB) 0.04 @ 50GHz / 0.05 @ 67GHz Phase with flexure stability typ. 6° @ 50GHz / 8° @ 67GHz Note: Max IL are indicative only when superior to 40dB |

MECHANICAL CHARACTERISTICS

| | |
|------------------------|---|
| Cable Outer diameter | 6.2 mm Max 0.244 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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