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TestPro 2

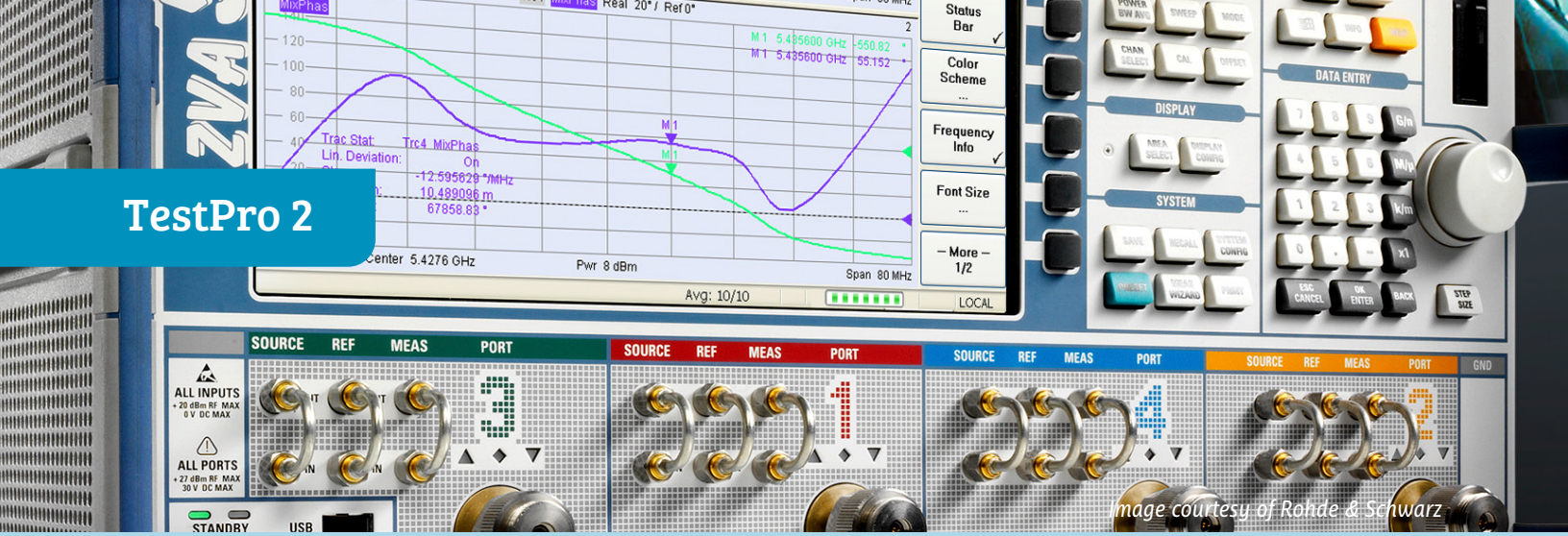


Image courtesy of Rohde & Schwarz

When reliability is key

Radiall has expanded its TestPro range to meet the needs of current industry demands with TestPro 2. This new 50 GHz bench test cable sets the standard for high performance measurement cables, and is the ideal solution for VNAs when flexibility and phase and loss stability is required.



Radiall's full range of test bench cables provide outstanding performance and durability. Test cable assemblies are the perfect solution for component/assembly shops, labs, automatic test equipment and test benches requiring durability due to continuous use.

Different from standard cable assemblies, TestPro 2 is specially designed for applications that require repeated connect/disconnect test procedures and the ability to withstand strenuous movement and continuous flexing.

TestPro 2 specifications:

- Frequency range: DC – 50 GHz
- Impedance: 50 Ω ± 1 Ω
- IL (dB/m): 5.00 @ 50 GHz
- IL (dB/ft): 1.52 @ 50 GHz
- Phase with flexure stability: 6° @ 50 GHz
- Amplitude stability (dB): 0.04 @ 50 GHz
- Shielding effectiveness: -100 dB min @ 1 GHz
- Crush resistance: 260 lb/linear in.
- Minimum bend radius: 25 mm (1 in.)
- Temperature: (°C) -55 / + 125 °C
- Connectors: 2.4mm male, 2.4mm female
- Flexure life cycle: 20,000
- Mating cycles durability: 5,000
- Armor: Integrated
- RoHS / REACH: Yes







Radiall's TestPro 2 offers a 50 GHz bench test cable equipped with 2.4mm connectors. This cost saving solution provides excellent measurement repeatability and an extended life cycle over flexure.

When reliability is key



Part Number	Connectors	Length
2001441440610TF	2.4 mm male / male	24 in.
2001441450610TF	2.4 mm male / female	24 in.
2001441440914TF	2.4 mm male / male	36 in.
2001441450914TF	2.4 mm male / female	36 in.
2001441441220TF	2.4 mm male / male	48 in.
2001441451220TF	2.4 mm male / female	48 in.
2001441441524TF	2.4 mm male / male	60 in.
2001441451524TF	2.4 mm male / female	60 in.

Features & Benefits

- *Excellent measurement repeatability*
- *Flexure life cycle: 20,000*
- *Mating cycle durability: 5,000*

Applications

- *Laboratory*
- *Bench test*
- *Automatic test equipment*

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