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High Frequency Cables

Mastering Precision Connectors for Low Loss Cables

Radiall completed its two main ranges of high frequency cable assemblies, SHF and TestPro which offer performance up to 67GHz.

SHF

Radiall's SHF range is a complete line of high performance microwave flexible cables. This product line is designed with a low or ultra low density PTFE dielectric and offers excellent loss characteristics and high phase stability. SHF cables are supplied as part of cable assemblies and feature Radiall's manufacturing coaxial connector expertise.

The complete SHF range has been recognized for its loss performance and is a top performer on the market with SHF8M (0.68dB/m at 18GHz), SHF5M (1.27 dB/m at 26.5 GHz) and SHF4M (2.00 dB/m at 40GHz). The range also includes SHF2.4M-TF and SHF2.4M-ZT with 50GHz and 67GHz cables and are equipped with 2.4mm and 1.85mm connectors. These new cable assemblies are the perfect solution for in-box, box-to-device and box-to-box interconnect needs.

TestPro

Radiall's TestPro range is a complete offer for bench test cables and are used in component/assembly shops, labs and automatic test equipment. This range is available in standard or customized configurations and are designed for development, production or field test applications requiring stable microwave performance and high durability.

TestPro cable assemblies offer calibration accuracy and are long lasting and easy to handle due to extreme flexibility. These cable solutions were specifically designed for applications where phase stability versus flex is critical. The new TestPro 2 line offers high frequency band (V band) up to 67GHz

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