

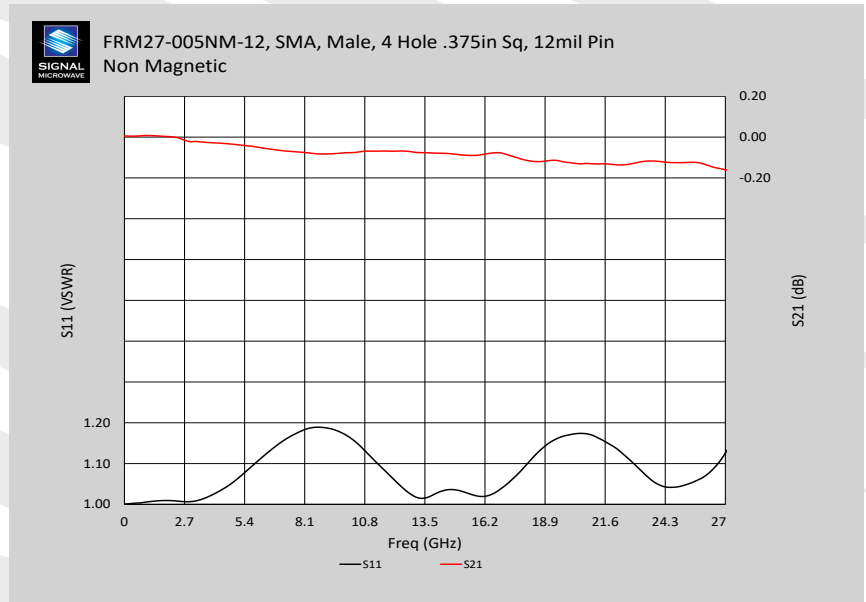


Signal Microwave FRM27-005NM-12

SMA Nonmagnetic Field Replaceable Connectors

This is a new line of field replaceable connectors with nonmagnetic components made of phosphor bronze, and beryllium copper. The plating is gold only, no nickel, for nonmagnetic applications. These field replaceable connectors have a rear socket for 12 mil (.012", .3048 mm) pins. Potential applications are cryogenic environments, superconducting, low PIM, quantum computing, quantum sensing, MRI, and others.

- **SMA Interface**
- **Standard 2 and 4 Hole Flange Sizes**
- **Rear Socket for 12 mil (.012", .3048 mm) pins**
- **Beryllium Copper (BeCu) center contact - gold plated only (no nickel)**
- **Phosphor Bronze housing - gold plated only (no nickel)**
- **Ultem Dielectric Bead**



Typical test data through 27 GHz using FRM27-005NM-12 back-to-back connector pair with test pin.

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