

## Typical Microwave Performance

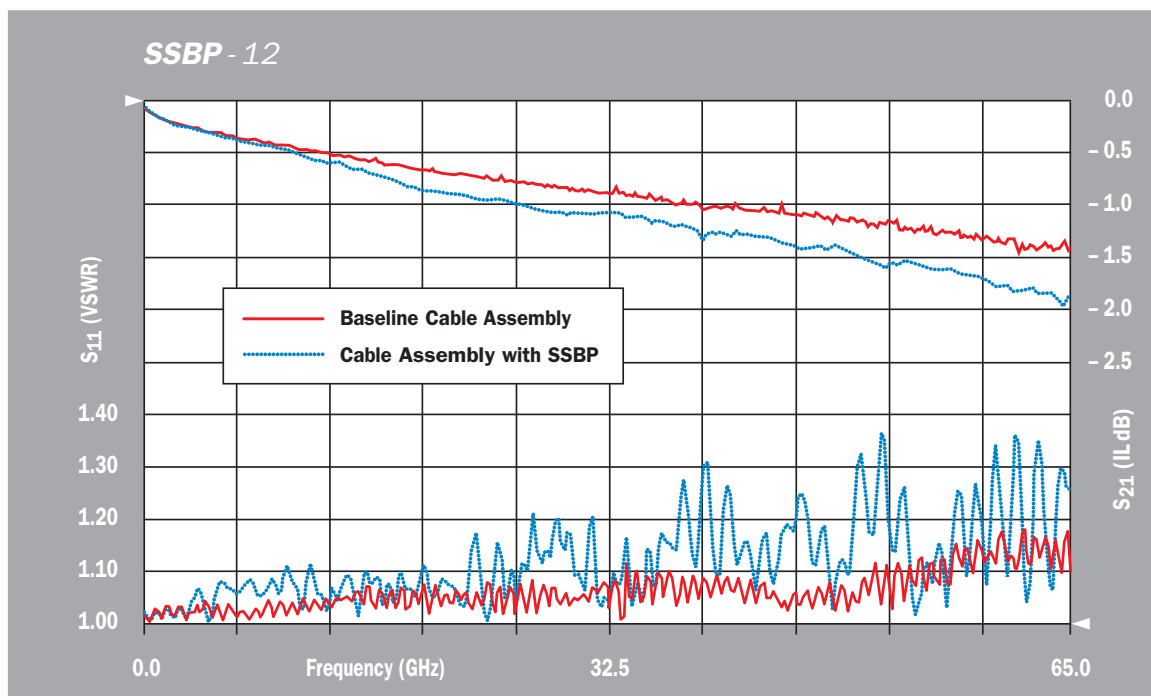
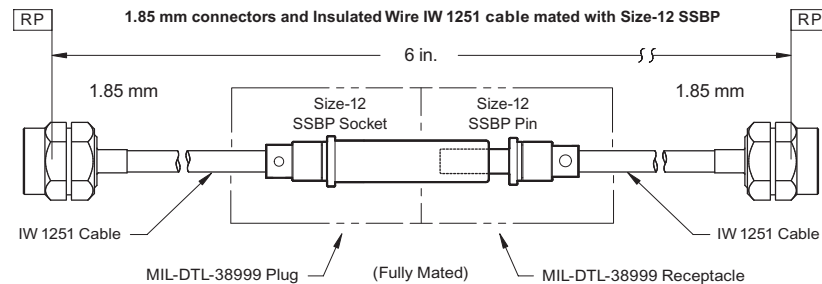


### SSBP - 12

**Test Data for 50400-001P & 51400-001S**

#### Test Measurement Reference

All data was measured using an ANRITSU VNA 37297D with 1.85 mm test port connectors. Calibration was broadband SOLT (fixed load). Test frequency range was DC to 65 GHz. Cable assemblies were made using Insulated Wire IW 1251 cable with two 1.85 mm plug/male connectors produced by Southwest Microwave. The baseline cable assembly and the cable assembly with Size 12 SSBP coaxes installed were both 6 inches between the reference planes of the 1.85 mm connectors. Both halves of the mated cable assembly pair were made phase equal (same electrical length). The SSBP cabled coaxes were installed in a mated pair of MIL-DTL-38999 Series III connectors.



Comparison of base cable assembly to cable assembly with Size SSBP - 12.