



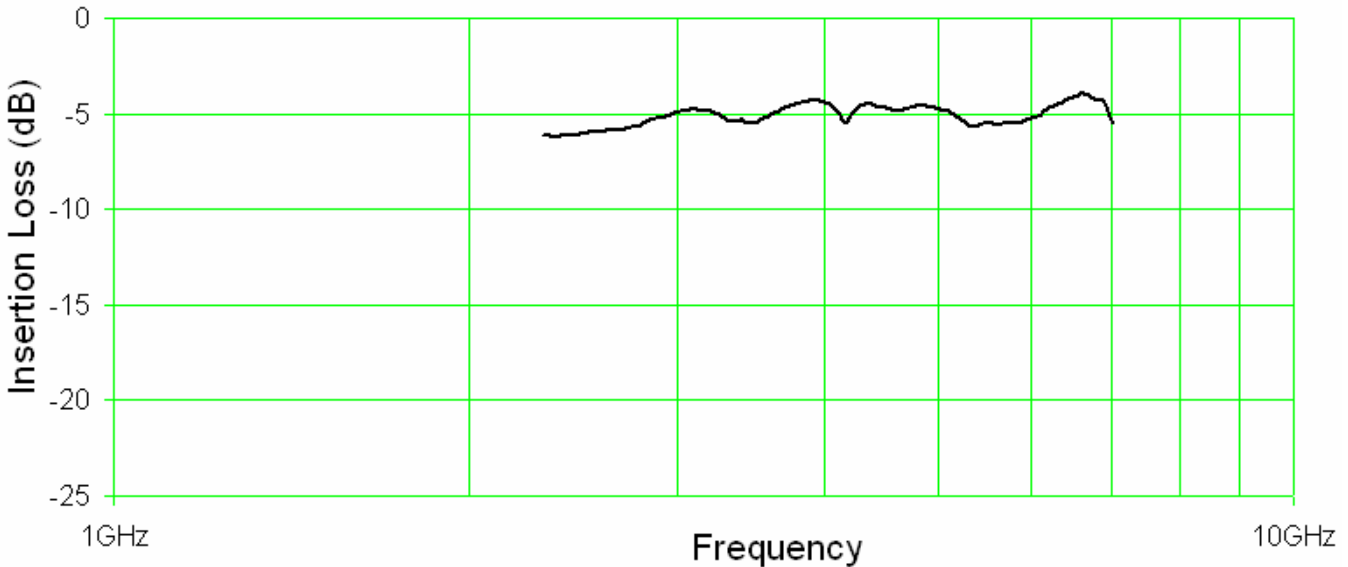
F-150-1 Injection Probe

The F-150-1 has been designed to extend the use of conducted immunity testing over the bandwidth of 2.3 GHz – 7.0 GHz. Pursuing this effort, the F-150-1 combines high efficiency, high power rating, and compact size. This allows the device to be used in the testing of individual cable harnesses during benchtop testing as well as cable harnesses inside vehicles.

Per standard substitution method test methods used in ISO 11451—4/ISO 11452-4, Mil-Std. 461/462 Rev D/E, and FAA DO-160 Rev D/E. The F-150-1 requires 20 watts to develop up to 300 milliamperes into a calibration fixture with a 100 ohm loop line impedance.

The F-150-1 offers a distinct advantages and benefits.

- Broad bandwidth. <7dB attenuation 2.3 GHz – 7.0 GHz into a 100 ohm loop line impedance.
- Useable up to 250 watts
- Accommodates EUT cables up to 12 mm in diameter



F-150-1 Specifications

Frequency: 2.3 GHz – 7.0 GHz
 Inner Diameter: 12mm
 Outer diameter: 33mm
 Height: 13mm
 Input Power rating: 250 watts

Accessories

FCC-BCICF-150-1 • Calibration Fixture
 Bandwidth: 1.0 GHz – 7.5 GHz
 F-070430-1005-1
 Bandwidth: 1 GHz – 7.5 GHz

