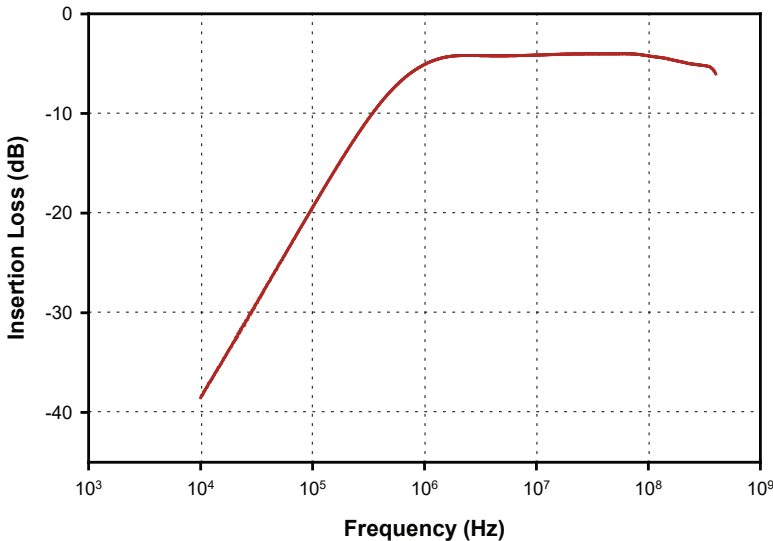


BULK CURRENT INJECTION

The F-120-8 Clamp-on Injection Probe is a high efficiency broadband injection transformer developed to meet the demanding performance requirements of GM 3100 and ISO 11452-4. The major challenge is to deliver 1 amp to the 50 Ω calibration fixture between 1 and 30 MHz in the calibration step of the test procedure. The advantage of the F-120-8 is its high efficiency. From 500 kHz – 400 MHz it has less than 7 dB of loss and, from 1 – 30 MHz, 5 dB of loss. While standard injection probes require up to 7000 watts to meet the 1 amp level, the F-120-8 requires less than 220 watts.



Specifications

Frequency: 10 kHz – 400 MHz
Inner Diameter: 40 mm
Outer Diameter: 127 mm
Height: 134 mm
Input Power rating: 100 watts for 30 min
250 watts for 15 min

Accessories

FCC-BCICF-4 • Calibration Fixture

F-52 • Current Probe
Bandwidth: 10 kHz – 500 MHz, 40 mm
internal diameter



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