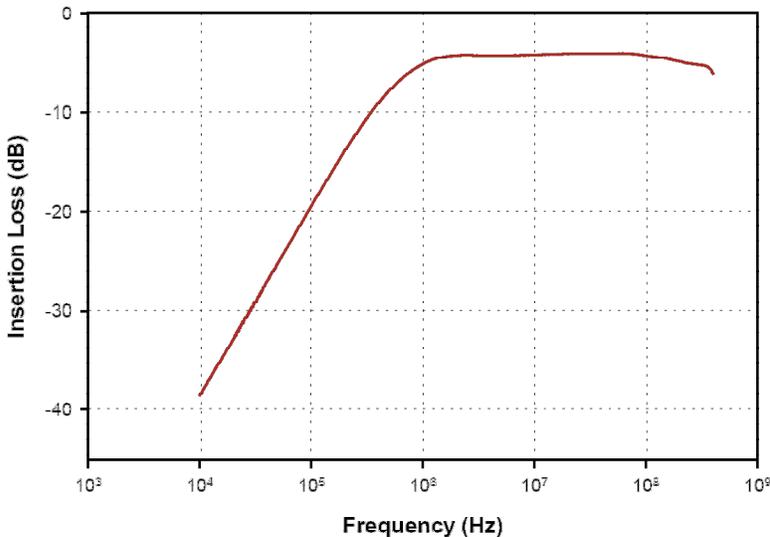


# F-120-8

## 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  $\Omega$  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

Calibration Fixtures\*  
F-170421-1008-1, FCC-BCICF-4  
F-52B • Current Probe  
Bandwidth: 10 kHz – 400 MHz, 40 mm  
internal diameter

\* Contact sales@fischercc.com to determine the best fixture for your needs.



Fischer Custom Communications, Inc.

19220 Normandie Ave., Unit B Torrance, CA 90502  
Phone: 310-303-3300  
Email: sales@fischercc.com

© Fischer Custom Communications, Inc.