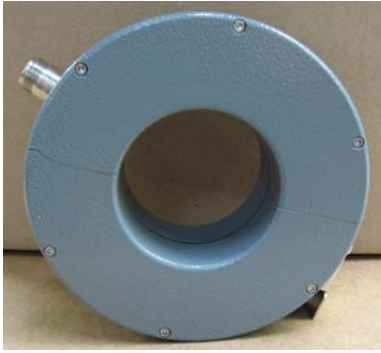
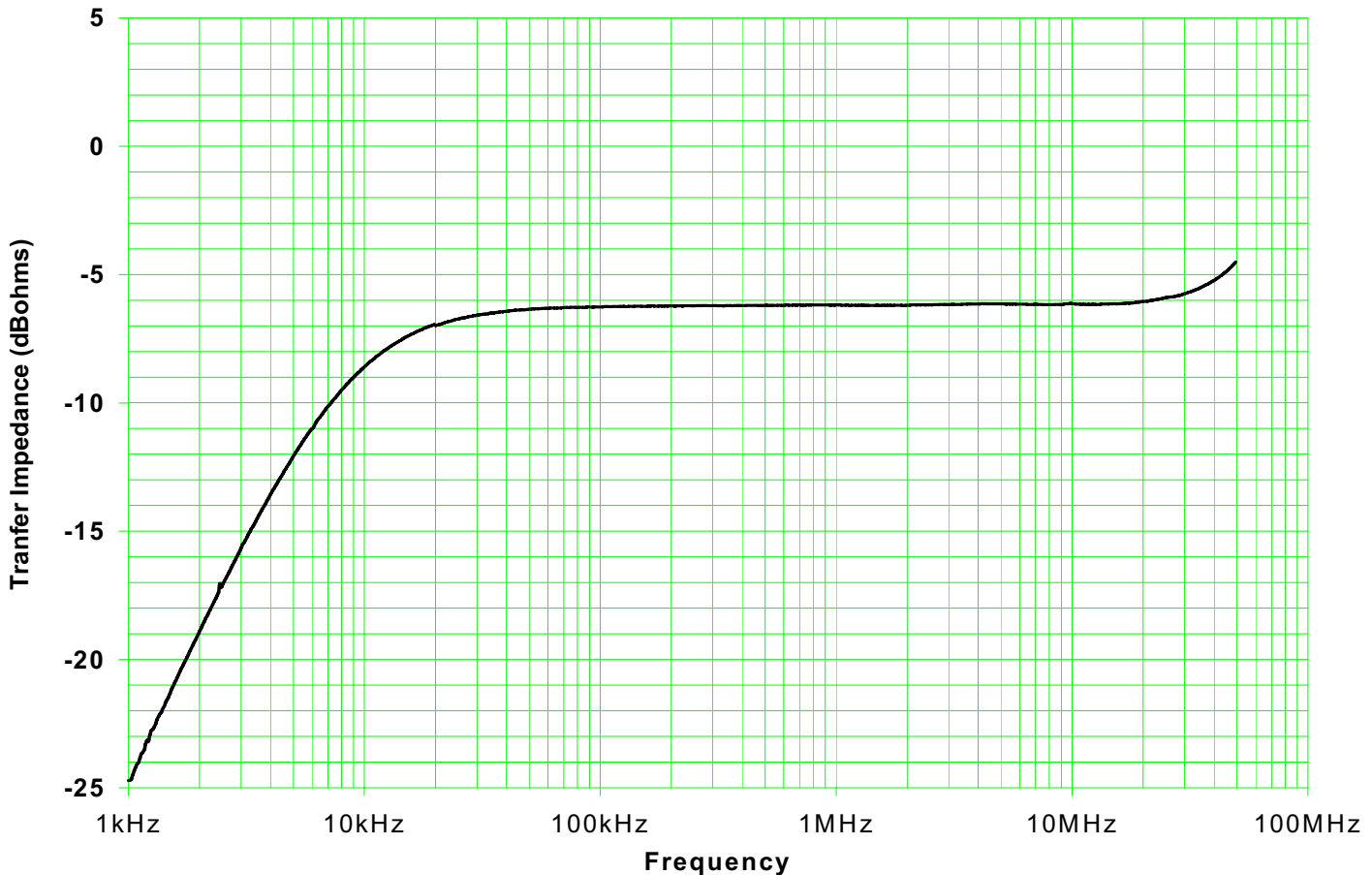


# Current Probe



The F-16A-1 is used to measure conducted emissions from 1 kHz to 50 MHz. It has a transfer impedance of  $.5\Omega$  from 10 kHz to 50 MHz. This probe can handle 800 amperes of primary powerline currents from DC to 60Hz, 400 amperes at 400 Hz without saturating or impacting the transfer impedance of the probe.



## F-16A-1 Specifications

**Frequency:** 1 kHz – 50 MHz  
**Internal diameter:** 67mm  
**External diameter:** 142mm  
**Height:** 53mm  
 **$Z_t\Omega^1$ :** .5  
 **$dB\Omega^1$ :** -6

**Connector:** Type-N  
**DC to 60 Hz:** 800 amperes  
**400 MHz:** 400 amperes  
**RF(CW):** 50 amperes  
**Pulse<sup>2</sup>:** 300 amperes

1: Probe calibrated with  $50\Omega + j0\Omega$  Load Impedance  
2: Depends upon the pulse width and pulse rep. Rate.



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