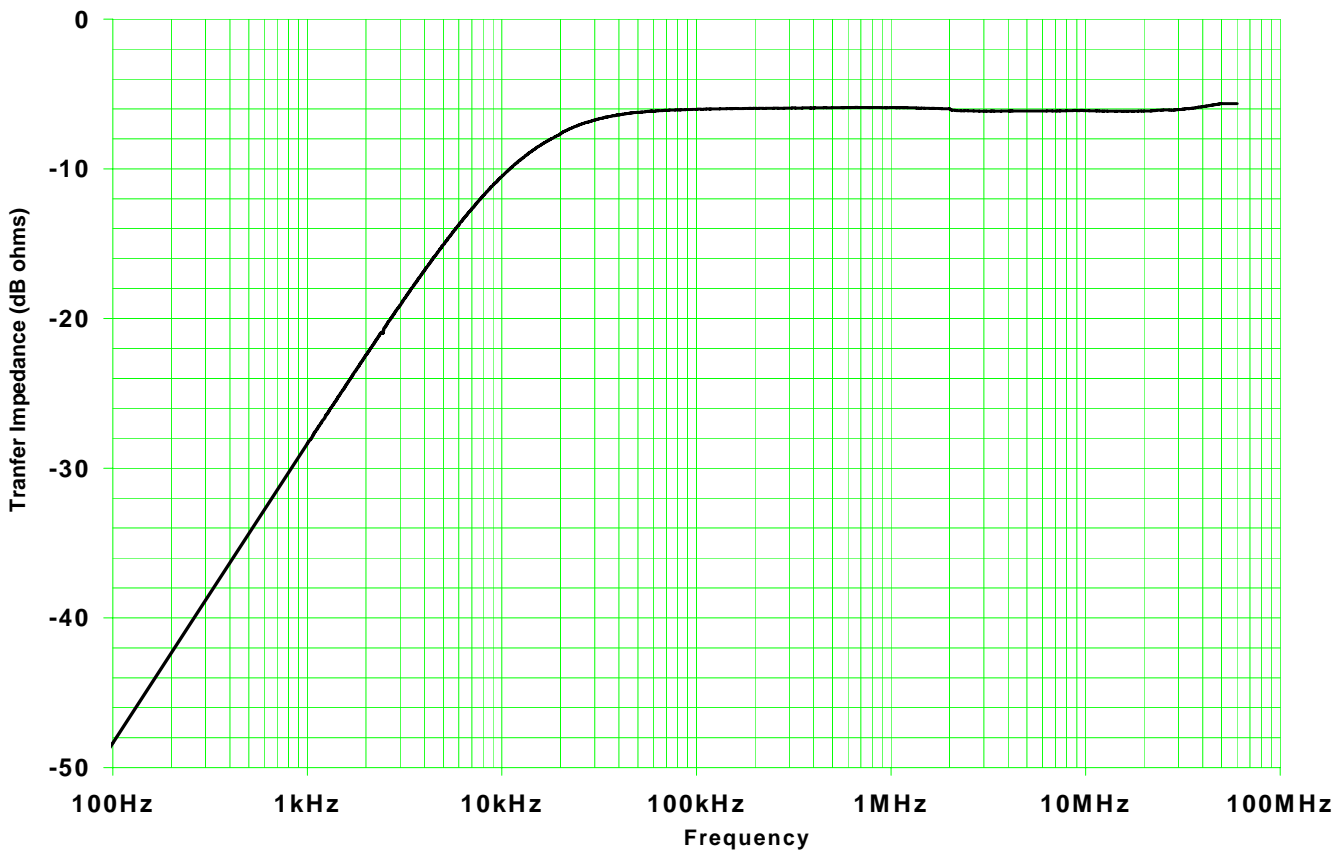


## Current Probe



The F-16-1 is used to measure conducted emissions from 10kHz to 50MHz. Its useable frequency range is 10Hz to 70MHz. The basic F-16 probe has a transfer impedance of 4Ω from 30kHz to 50MHz. The F-16-1 with the power absorbing terminator has a constant transfer impedance of .5Ω from 20kHz to 50MHz. All configurations of the F-16 probe can handle 400 amperes of primary power line currents from DC to 60Hz without saturating or impacting the transfer impedance of the probe.



### F-16-1 Specifications

**Frequency:** 100 Hz – 70 MHz  
**Internal diameter:** 32mm  
**External diameter:** 94mm  
**Height:** 64mm  
**Z<sub>t</sub>Ω<sup>1</sup>:** 0.5  
**dBΩ<sup>1</sup>:** -6

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

1: Probe calibrated with 50Ω+j0Ω Load Impedance  
 2: Depends upon the pulse width and pulse rep. Rate.



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