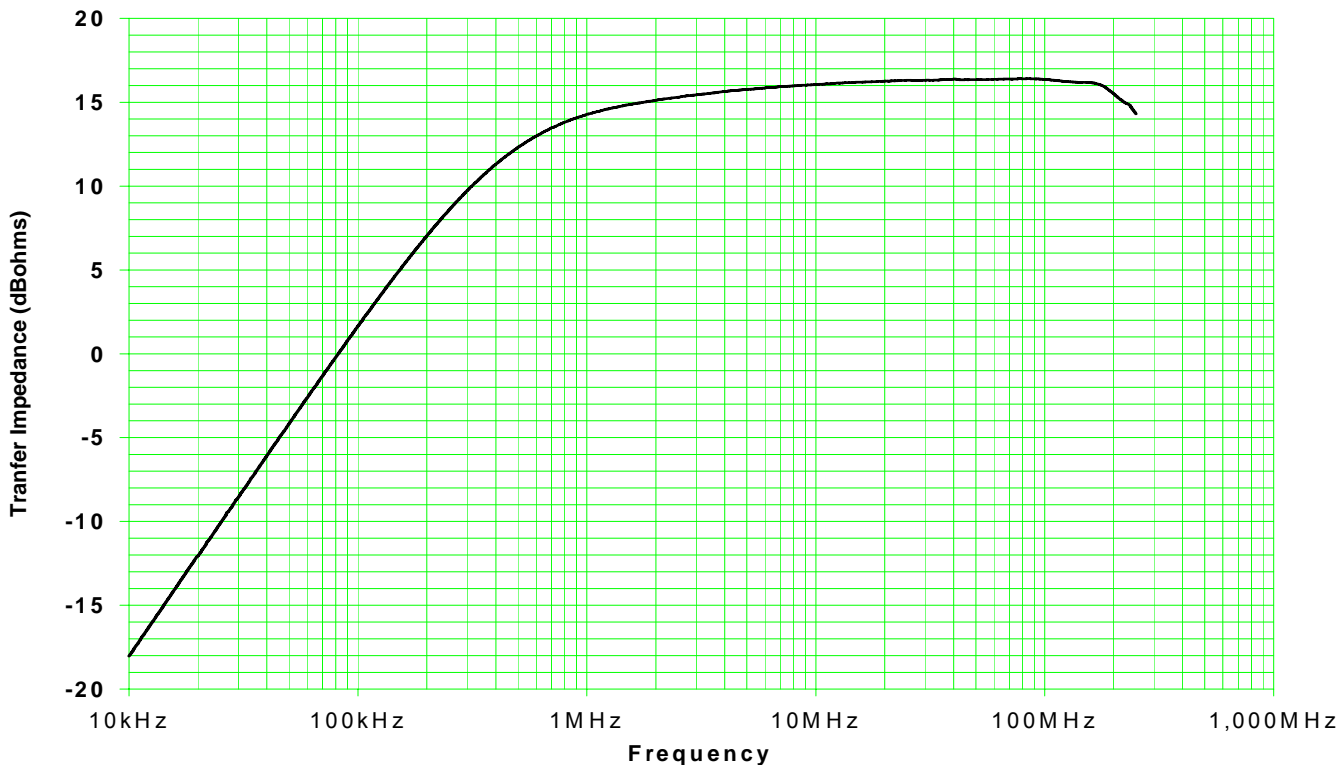


# Current Probe



The F-33-1 is for laboratory and field testing. This probe has a small outer diameter, approx. 71mm with an internal diameter of 32mm. Its transfer impedance is  $5\Omega$  from 1 MHz to 250 MHz. It can operate up to 100 amperes of DC – 400Hz, 10 amperes of CW and 50 amperes of peak pulse.



F - 33 - 1

## F-33-1 Specifications

**Frequency:** 10 kHz – 250 MHz  
**Internal diameter:** 32mm  
**External diameter:** 71mm  
**Height:** 19mm  
 **$Z_t\Omega^1$ :** 5  
 **$\text{dB}\Omega^1$ :** 14

**Connector:** Type-N  
**DC to 60 Hz:** 100 amperes  
**400 MHz:** 100 amperes  
**RF(CW):** 10 amperes  
**Pulse<sup>2</sup>:** 50 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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