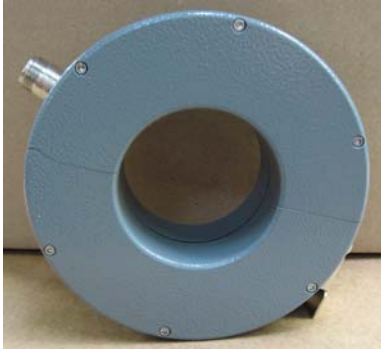
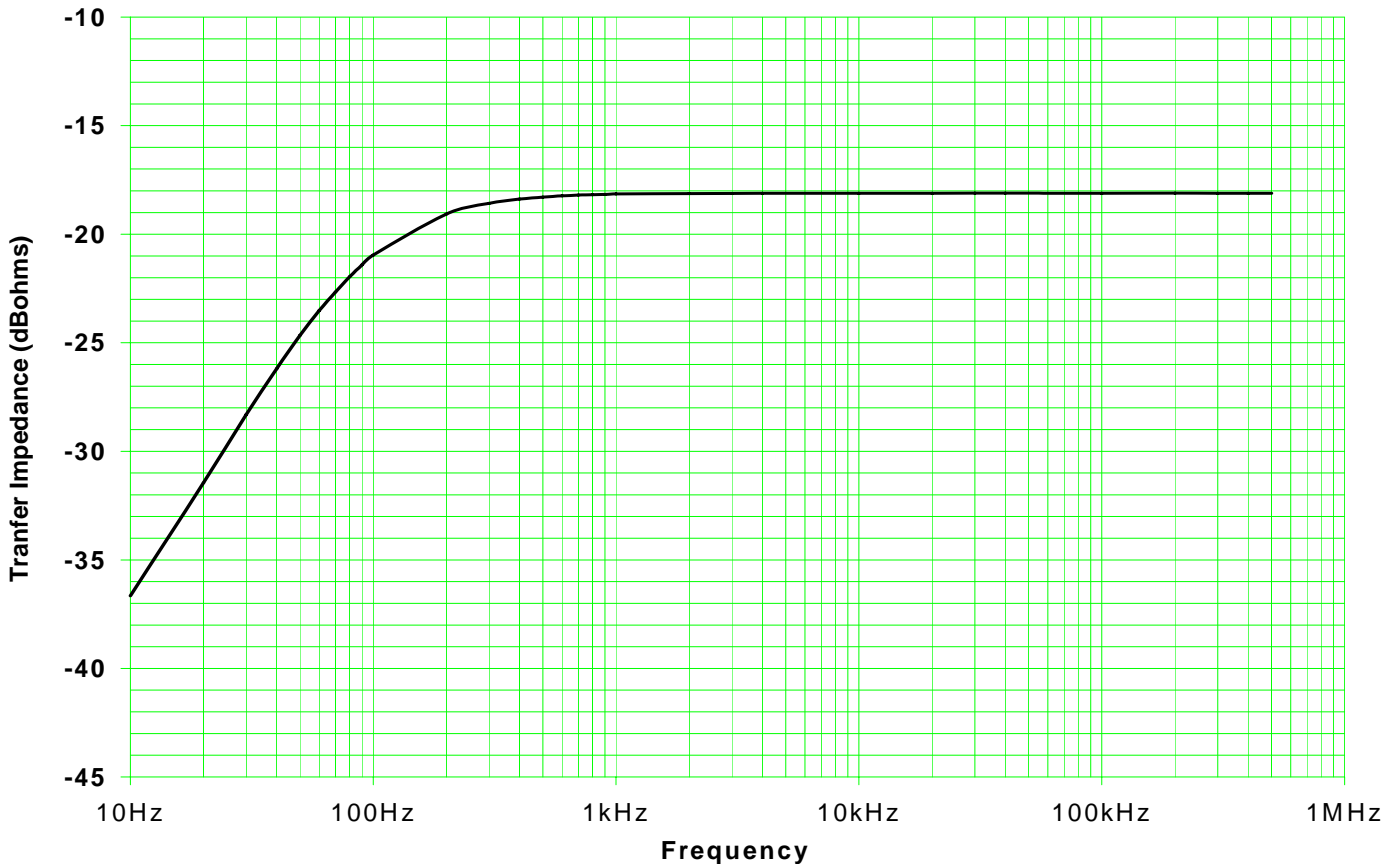


Current Probe



The F-14A has a usable frequency range of 10 Hz to 500 kHz. It has a transfer impedance of $.12\Omega$ from 100 Hz to 500 kHz. This probe can be used to measure small RF currents in the basic configuration and pulse currents with wide ranging magnitudes in the other variations of this current probe. Primary power currents of 400 amperes DC to 400Hz, and 500 amperes pulse will not alter transfer impedance.



F-14A Specifications

Frequency: 10 Hz – 500 kHz
Internal diameter: 67mm
External diameter: 142mm
Height: 53mm
 Z_0^1 : $.12$
 $dB\Omega^1$: -18.5

Connector: Type-N
DC to 60 Hz: 400 amperes
400 MHz: 400 amperes
RF(CW): 50 amperes
Pulse²: 500 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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072803DS-F-14A