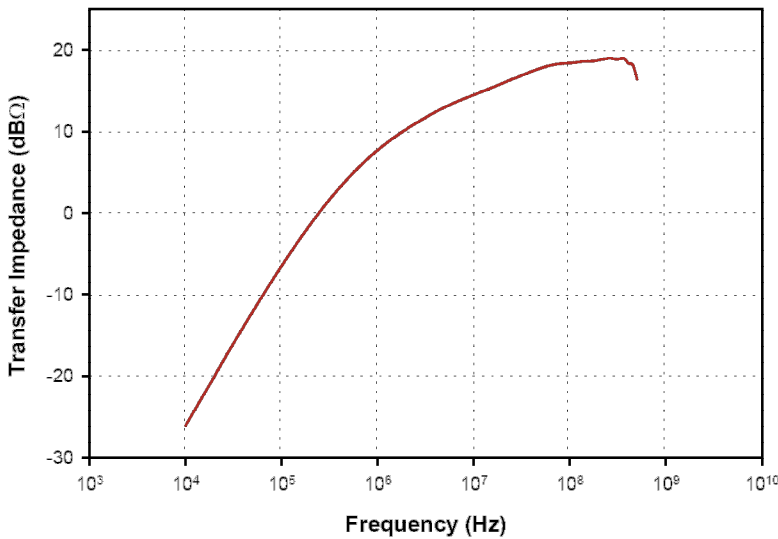


CURRENT PROBE

The F-52 is for laboratory and field testing. The useable frequency range of this probe is 10kHz – 500MHz. A typical calibration curve is shown below. The RF current range is 50 amperes CW and 100 amperes peak pulse with a duty cycle of 0.1. The maximum primary powerline current is 350 amperes from DC – 400Hz.



Specifications

Frequency:	10 kHz – 500 MHz
Internal diameter:	40 mm
External diameter:	98 mm
Height:	38 mm
$Z_t \Omega^1$:	8
dBΩ ¹ :	18
Connector:	Type-N
DC to 400 Hz:	350 amperes
RF(CW):	50 amperes
Peak Pulse Current ² :	100 amperes

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



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