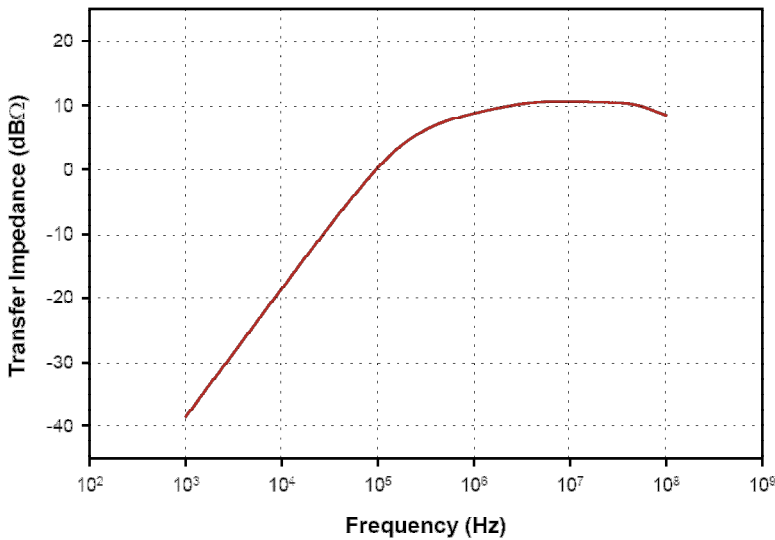


CURRENT PROBE

The F-42A is for laboratory and field testing. The useable frequency range of this probe is 1 kHz – 100 MHz. A typical calibration curve is shown below. This probe has a small outer diameter, approximately 71 mm, with an internal diameter of 32 mm.



Specifications

Frequency:	1 kHz – 100 MHz
Internal diameter:	32 mm
External diameter:	71 mm
Height:	19 mm
$Z_t Q^1$:	4
dBΩ ¹ :	12
Connector:	Type-N
DC to 400 Hz:	50 amperes
RF(CW):	2 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.