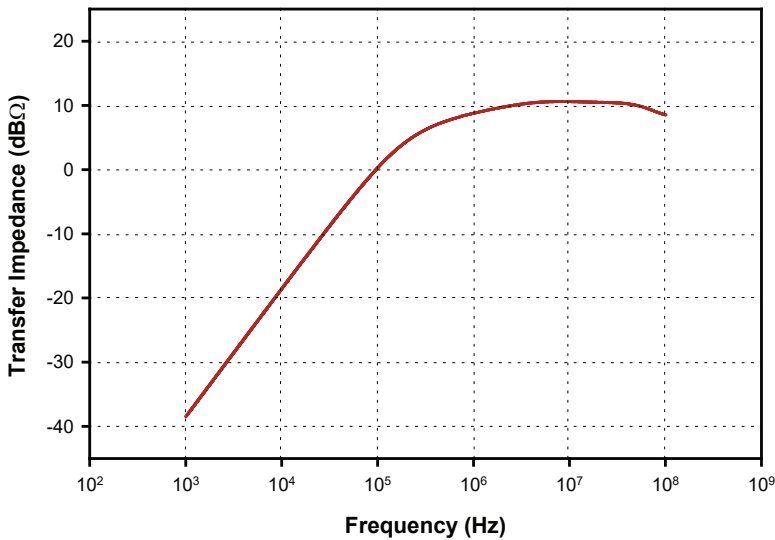
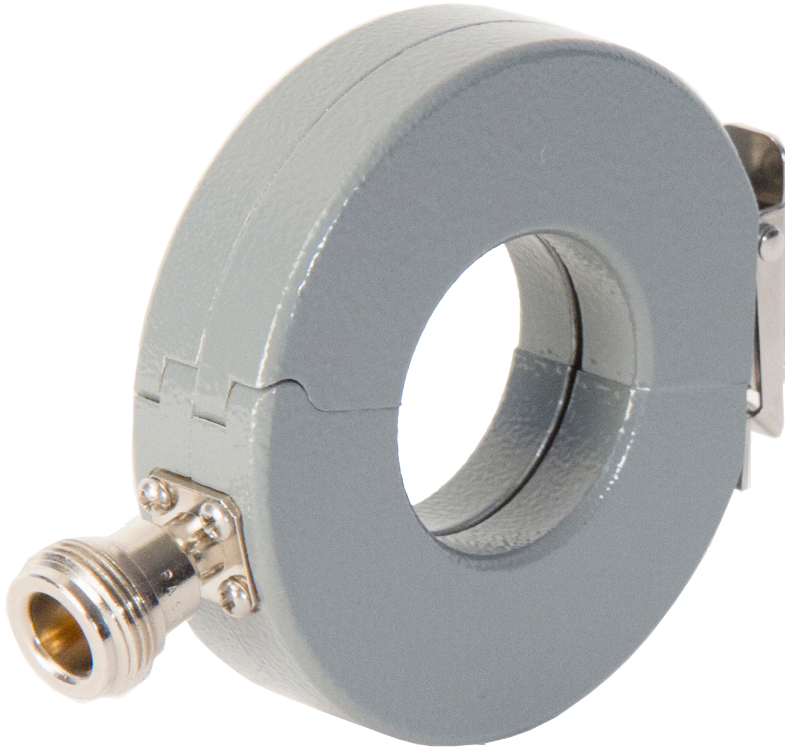


## CURRENT PROBE

The F-42A is for laboratory and field testing. The usable 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
$Z_t \Omega^1$ :	4
dB $\Omega^1$ :	12
Connector:	Type-N
DC to 400 Hz:	50 amperes
RF(CW):	2 amperes
Peak Pulse Current <sup>2</sup> :	100 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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