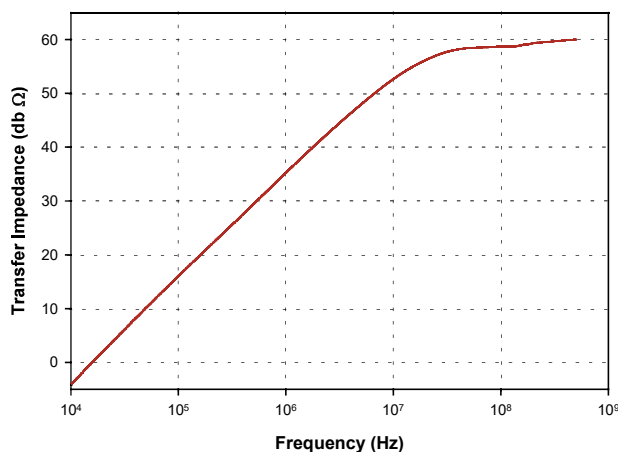


CURRENT PROBE

The F-210602-1005-2 is used to measure common mode currents from 10 kHz – 500 MHz. It is for laboratory use by properly trained RF technical personnel using best engineering practices.



Specifications

Frequency:	10 kHz – 400 MHz	RF(CW):	40 amperes
Internal diameter:	70 mm	Peak Pulse Current ² :	100 amperes
External diameter:	125 mm	Transfer Impedance:	See Curve
Height:	38 mm	Insertion Impedance:	<1Ω
Connector:	Type-N	Added Shunt Capacitance:	<1.5pf
DC to 400 Hz:	400 amperes	Primary Power	
		Current Rating:	400A (DC – 400Hz)
Influence of External Magnetic Field:	10 kHz – 500 MHz: >42dB isolation		
Influence of Electric Fields:	10 kHz – 500 MHz: >45dB isolation		
Calibration Fixture:	FCC-MPCF-2-70/125/38		
Power Supply Requirements:	12 Volts DC +/- 1 Volt, 60 mA (approx) for external amplifier		
DC Power Connection:	Pins (Ground pin and Filtered (+) Power pin)		
Nominal smallest measurable Current Range			
(CW) for nominal 120kHz RBW:	-27 dBuA (70 – 500 MHz)		
Nominal Signal to Noise margin at			
minimum measurable current:	6dB		
Maximum Current:	+50 dBuA (70-500MHz)		



Fischer Custom Communications, Inc.

19220 Normandie Ave., Unit B Torrance, CA 90502
Phone: 310-303-3300
Email: sales@fischercc.com

© Fischer Custom Communications, Inc.

F-210602-1005-2