

MODEL NUMBER:  
**BCIP300M**

**BULK CURRENT INJECTION  
PROBE 10 KHZ – 300 MHZ**



### DESCRIPTION:

The Bulk Current Injection Probe is used to inject RF-current into cables of electrical equipment to test the susceptibility against radiated electromagnetic energy. It was designed to meet the specifications of MIL-STD 461 CS 114.

The probe can be easily clamped around test conductors and supports cable harness diameters up to 32 mm diameter.

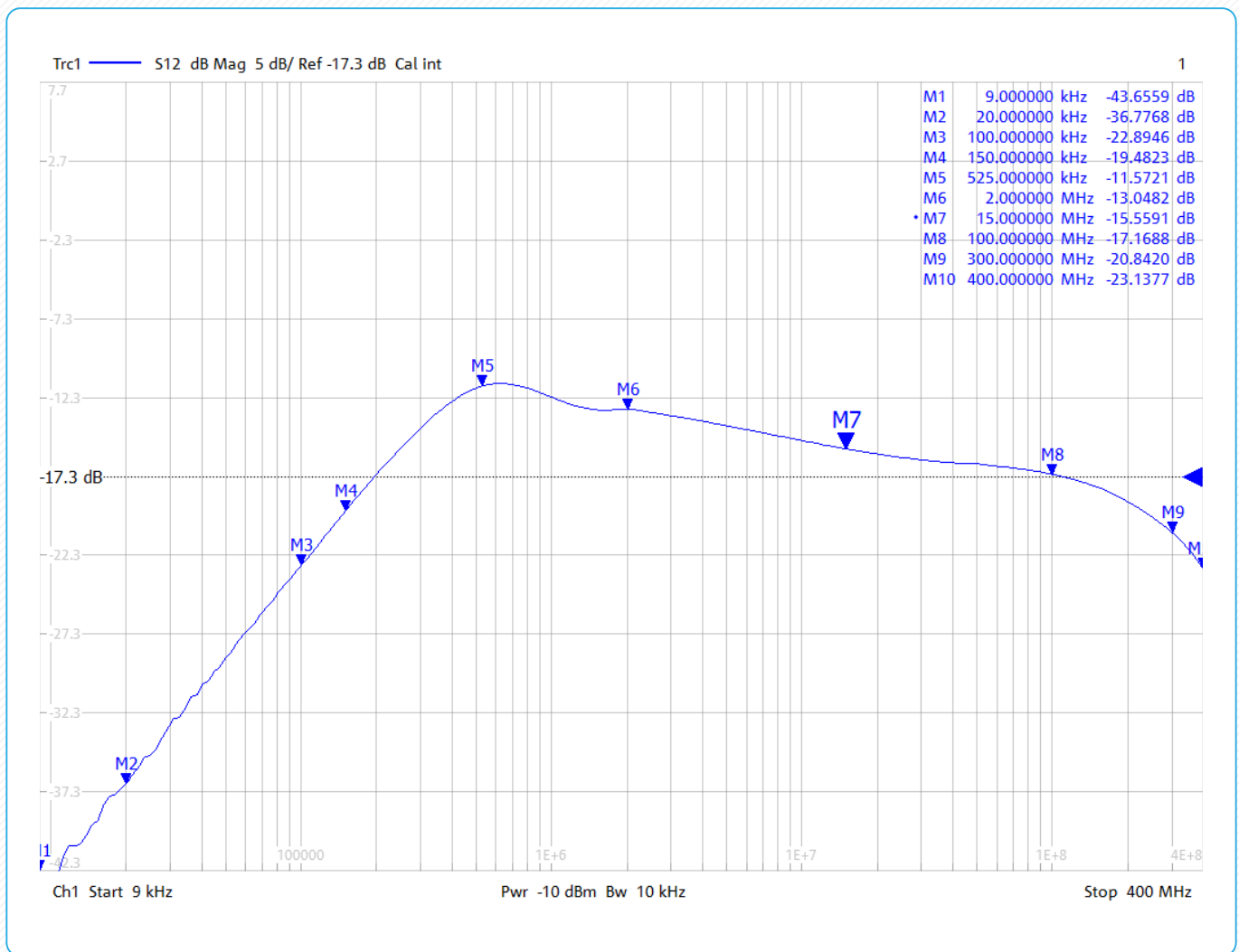
### FEATURES:

- Meets specifications MIL-STD 461 CS 114
- Frequency range from 10 KHz up to 300 MHz
- Low insertion loss
- Power Rating 50W\*

### SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency range	10 KHz to 300 MHz
Maximum input power	50 watt (SEE NOTE 1)
Maximum time for continuous rating at full power	30 minutes
Maximum input current	10 Amperes
Recommended maximum temperature rise	35 degrees C
Maximum core temperature	80 degrees C
Turns ratio	1:1
Input receptacle	Type "N" Female
Weight	1 .9 kg (4.2 lbs.)
Fastening	Thumb Screw

## INSERTION LOSS



### NOTE:



- The power limit specified is 50 watts for 30 minutes. Powers in excess of 50 watts may be used with care, using a shorter than 30 minute time period to limit temperature rise. Also, the RF current through the probe winding should be monitored to prevent thermal failure of the probe winding.

**The EMCShop**



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