ICP-521
Injection Current Probe
10 KHz – 100 MHz

This low frequency injection current probe can be used as pulse injection source as well as a sensitive monitoring probe.

**Frequency Range:** 10 KHz – 100 MHz

- **Insertion Loss:** 12 to 33 dB
- **Transfer Impedance:** 0 to 22 dB
- **Rated Watts:** 100 watts CW
- **Connector:** N-Type, female

**Physical Dimensions**
- **Inner Diameter:** 1.6 in. (40 mm)
- **Outer Diameter:** 5.0 in. (127 mm)
- **Height:** 2.0 in. (64 mm)
- **Weight:** 6.5 lb.’s (2.95 kg)

**Features**
- Broad Frequency Range of 10 KHz to 100 MHz
- Low Frequency Operation
- Individually Calibrated
- Split Type Clamp-on Design

The ICP-521 is a low frequency injection current probe that can be used as pulse injection source as well as a sensitive monitoring probe. This probe can inductively couple transients having risetimes as short as 5 nanoseconds and a half pulse width duration of 100 microseconds. When used as a monitor probe, this injection probe has a usable frequency range of 10 KHz to 200 MHz. The VSWR from 200 KHz to 50 MHz is typically less than 4:1. This very low input VSWR minimizes the power being reflected. The ICP-521 has an input power rating of 100 watts CW for 30 minutes.

**Recommended Accessories**
- SAC-211 (3 meter N/N Cable, RG-214U)
- CPF-530 Current Probe Fixture
- BCP-520 Monitoring Current Probe
Injection Current Probe
Insertion Loss
Model: ICP-521

Insertion Conversion Formula:

Injected Current(dB) =
Input Current(dB) - Insertion Loss(dB) - cable loss

Frequency (MHz)

Insertion Loss (dB d.c.m.)