

Clamp-on Current Monitor Probe **T-14**



- RTCA DO-160G
- MIL-STD-461
- GJB 151C
- GJB 1389B
- GJB 8848

Features

- > Low noise floor for conducted emissions and conducted immunity current measurements
- > Excellent DC bias capability, ensuring stable operation under high EUT current
- > Undistorted waveform, galvanic isolation from the conductor under test

Introduction

The T-14 Clamp-on Current Monitor Probe complies with MIL-STD-461H and RTCA DO-160G. It measures AC and transient pulse currents with DC or low-frequency bias, transferring the signals to measurement devices via electromagnetic coupling.

Featuring undistorted waveforms and galvanic isolation from current carrying conductors, it meets the measurement requirements of AC signals up to 500 kHz and transient pulse signals with rise times greater than 70 μ s. Its excellent DC bias capability also makes it suitable for conducted immunity testing.

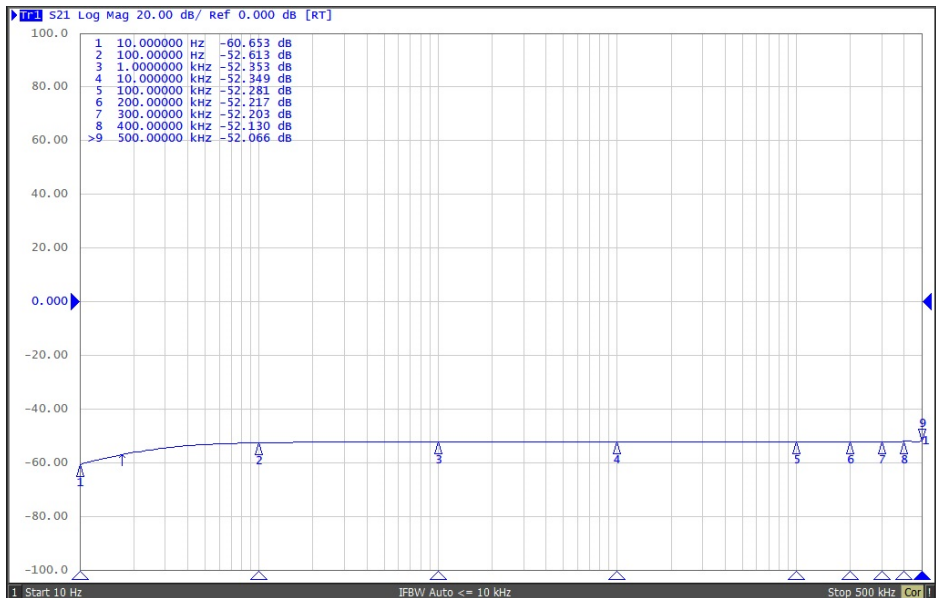
Application Areas



Technical
Parameters

Frequency Range	10 Hz ~ 500 kHz
Transfer Impedance	0.125 Ω (-18 dBΩ) @50 Ω load
Max. Peak Current	500 A
Max. Cont. Current (RMS)	5 A
EUT Working Current (DC ~ 400 Hz)	400 A
Inner Diameter	40 mm
Outer Diameter	127 mm
Thickness	70 mm
Connector Type	Type N
Working Temperature	0°C ~ 65°C
Weight	Approx. 2.5 kg

S21 Curve



Note: Transfer impedance (dBΩ)= S21+34 dBΩ @50 Ω load

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