

NFP-3

Near-field Probe



DSA Series
Spectrum Analyzer
EMC Lab

Description

- Frequency Range: 30MHz to 3GHz
- One set includes four types of probe, provides optimized sensitivity and resolution
- Minimum resolution: 2 mm; able to capture near-field radiation of single circuit line
- Applicable for electromagnetic leakage testing inside the cable
- A measurement tool for EMI pre-conformance testing, troubleshooting, and design verification
- Determine frequency and relative intensity of the spectral components of the interference source

Target Customer & Key Applications

- Measurement requirements of SME production line for electromagnetic interference pre-testing
- Measurement evaluation requirements of electronic product design lab for electromagnetic interference signals
- Measurement requirements for electronics fans of electromagnetic interference
- Demonstration and education in laboratory of school
- Locate the source of the electromagnetic interference radiation
- Determine the frequency and relative intensity of spectral components of interference source

Marketing Strategy and Message

- Assist engineers to quickly locate the EMI interference sources
- Applicable to RF industrial region, such as R&D, lower cost manufacture industry etc.
- Reduce the product development cycle, ensure product launch plan, and save the testing cost
- Combined with the Microwave & RF education and training kit; applicable to RF education field; get to deeply understand the theories by practical operations

Price

Please contact Regional Sales Manager for further information .

Key Competitive Products



Cybertek

EM5030



Langer

RF2

NFP-3 Application Scenarios



NFP-3-P1, a near-field probe which can detect the magnetic field within a range of 10 cm. It is applicable for the leakage detection of magnetic field. For example, verification of shielding measurement, leakage testing for the chassis etc.



NFP-3-P2, a near-field probe which can detect the magnetic field within a range of 3 cm. It is applicable for detecting the magnetic environment around the modules. For example, accurately locating the leakage of the chassis, detecting the magnetic field direction and intensity of the circuit board module.



NFP-3-P3, a near-field probe which resolution is 5 mm. It is applicable for the detection magnetic field on surface. For example, the detection of the magnetic field produced by the wire, cable, metal surface, connectors, electronic components, and component joints.



NFP-3-P4, a near-field probe which resolution is 2 mm. It can detect the vertically emitted electromagnetic field. It is applicable for the detection of magnetic field where current loop exists. For example, electromagnetic field testing for PCB wiring, magnetic field testing for IC pins area etc.