CORE INSIGHT
코어인사이트(주)

ESD-ANT-240

ESD Event Detection Antenna



FEATURES

- Compliance to ANSI/ESD SP17.1
- Very Fast Frequency Range
- Peak-to-Peak Value Measurement
- Standard SMA / BNC Connector

BENEFITS

- Light Weight
- Hand-Held Operation
- Compatible to Oscilloscope

APPLICATIONS

ESD-ANT-240 is designed to measure an ESD event signal detection and analysis by using with high speed oscilloscope. When ESD event occurs, there are very strong RF signal radiated and it penantrate through non-grounded materials such as insulators and glass windows of automated handling equipment.

With this technique, user can observe and analysis the ESD event occurances and severity as device damage without pause or stop operating automated handling equipment. ANSI/ESD SP17.1 - Process Assessment document strongly recommend to do ESD event detetion as potential risk assessment in manufacturing process.

Standard SMA / BNC terminal connecting to high speed oscilloscope and ESD event can be clearly detectable after few steps of meaurement parameter tuning and changes.



SPECIFICATIONS

Frequency Range	2.4 GHz	**Peak Gain**	3.2 dB
Average Gain	-3.3 dB	**Polarization**	Linear
Impedance	50 ohms	**Connector**	SMA Terminal
Dimensions (mm)	19.0 Diameter, 82.5 L x 10.3 D	**Warranty**	1 year limited warranty