

Features

- Complete set of antennae, pre-amplifier, mast, cables and accessories for SE Testing.
- Frequency Range: 9 kHz – 18 GHz.
- Dynamic Range > 110 dB (1MHz-18GHz)
- Factory calibration of all components
- Rugged and portable kit.

Shielding Effectiveness (SE) Measurement System : AnKit-SE-9K18G



Description

The AnKit-SE-9K18G is a comprehensive kit consisting of components used for SE measurements, emissions or other general purpose field measurements in the (9 kHz – 18 GHz) band. The kit includes parts covering both transmit and receive sides, in a specially designed ruggedized portable case for safety and security of the components during transit.

When used with appropriate Tx/Rx* the kit offers a wide dynamic range:

9 kHz	90 dB
100 kHz	100 dB
1 MHz	110 dB
15 MHz	110 dB
20 MHz – 18 GHz	120 dB

The kit is complete, with masts, adaptors and cables for immediate deployment to start testing SE. The kit has a proven track record with active users testing hundreds of chambers each year using this kit.

* Rx : DANL <- 115dBm @ 9KHz, <-130 dBm(100KHz-18GHz)
Tx : +30dBm output power

Calibration

The antennae are individually calibrated (traceable). IEC 17025 accredited calibration is available upon request.

Inclusions

Model/Freq Range	Description
AN-MLO-1303P 1Mhz-30MHz	Passive Loop Antenna (N(F)) Qty 02 (with mounting Base AD2510-2), N(M) to N(M) connector, Qty 02. Active antenna will be mounted on AMP-9K30M.
AN-MLO-9103P 9Khz-10MHz	Passive Loop Antenna(N(F)) Qty 02. Active antenna will be mounted on AMP-9K30M.
AMP-9K30M 9KHz-30MHz	Pre-Amplifier with charger Qty 01(SMA(F))
ANB-0230S 20MHz-300MHz	Biconical Antenna, Qty 02(N(F))
Pre-Amp AMP01G DC to 1GHz	Pre-amplifier Qty 01(SMA(F))
DIP40M1G 400MHz-1GHz	Dipole Antennae Qty 02(N(F))
DIP 1840M 180MHz-400MHz	Dipole Antennae Qty 02(N(F))
Dual Ridge Horn ANDRH0118 1GHz-18GHz	Dual Ridge Horn Antenna Qty 02 (SMA(F))
Pre-Amp AMP020G 1GHz-20GHz	Pre-Amplifier, Qty 01(SMA(F))
BNC(M) to N(M) Type DC-1GHz	RF Cable Qty 01
N(M) to SMA(M) Type DC-18 GHz,3m	RF Cable Qty 02
SMA(M) to SMA(M) DC-18 GHz,3m	RF Cable Qty 02
SMA(M) to SMA(M) DC-18GHz,0.5m	RF Cable, 01
MAS-FG-05 Adapter SMA(F) to N(M)	Antenna Mast Qty 02, Metallic adapter Qty 02 Qty 01

General Specs

Box Dimensions	0.8x0.7x0.4m
Weight	0.6 Kg
Environmental	-20°C to +40°C
Applications	SE Testing (IEEE 299) Emissions measurement

Related Products

MAS_FG_05

Modular telescopic non reflective fibre glass mast