

EM-2107A | Shielding Effectiveness/Conductivity Test



Description

The EM-2107A is a standard test fixture for the evaluation of the electromagnetic shielding effectiveness of planar material. The fixture is an enlarged section of coaxial transmission line and complies fully with the requirements of ASTM test method D4935-1. The measured data relates to the shielding effectiveness due to a plane wave (far field EM wave) from which near field values for magnetic and electric fields may be inferred.

The EM-2107A is provided with a reference standard test specimen, a dynamic range specimen, and a load specimen. A dynamic range of greater than 80dB is achievable, although the cables and other test system components usually establish the limiting factors.

Specifications

Electrical

Frequency Range:	30 MHz – 1500 MHz
Impedance:	50Ω ± 0.5Ω
Connector:	Type N (male)

Mechanical

Length:	40.5 cm (16")
Diameter	13.5 cm (5.3")
Weight:	12 kg (26.5 lbs.)

Included Accessories

Three Specimen:
 1. Reference Specimen
 2. Load Specimen
 3. Dynamic Range Specimen

DC-8 GHz 10dB Attenuator (QTY 2)

Optional Accessories

EM-6138 Support Stand for EM-2107A

EM-1302-1-29.7 0.75m Cable, N(m) to N(f) n

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

