

A4003 ESD Current Target / Adapter Line Set

TECHNOLOGY

Our core R&D team has iNARTE certified ESD / EMC Engineers with in-depth knowledge and decades of experience. We also have long-term joint development with top academic research groups in the world.

RELIABILITY

Our products are built with elaborate designs and quality parts. All products are tested under stringent reliability tests before being released.

SUPPORT

Our excellent support team guides you from selection to application and brings the best solutions to every customer.

SERVICE

We offer anytime returns or trade-ins, fast repair during warranty period and lifetime technical support.



Features:

- Complete all-in-one calibration kit for ESD simulator, ESD current target and ESD target Adapter Line up to 30kV & 4 GHz bandwidth
- Meets EN/IEC61000-4-2-2009 and ISO10605-2008 ESD test standards

Applications:

- Calibration kit for ESD simulators per IEC61000-4-2
- Calibration kit for ESD current targets per IEC61000-4-2
- Calibration kit for ESD target adapter line per IEC61000-4-2

Basic Setup:

- ESD current target with N connector
- ESD current adapter Line with N connector
- Traceable calibration certificates for ESD target set and adapter line
- precision attenuator 20 or 30 dB
- Double shielded RG400 coaxial cable or loss low semi-flex coaxial cable, 80 cm long
- Manual and technical notes booklets
- Storage and protection case

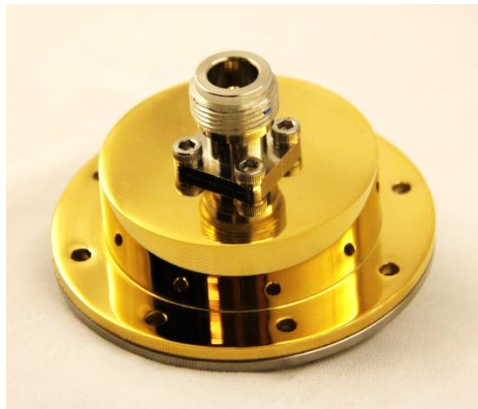
Options:

- 6, 20 or 30 dB precision attenuator
- RG400 or ¼ inch semi-flex N type to SMA coax cable
- 50 ohm target adapter line A4002
- Normal N type connector
- Precision 3.5mm connector
- Precision N type connector

Support/Service:

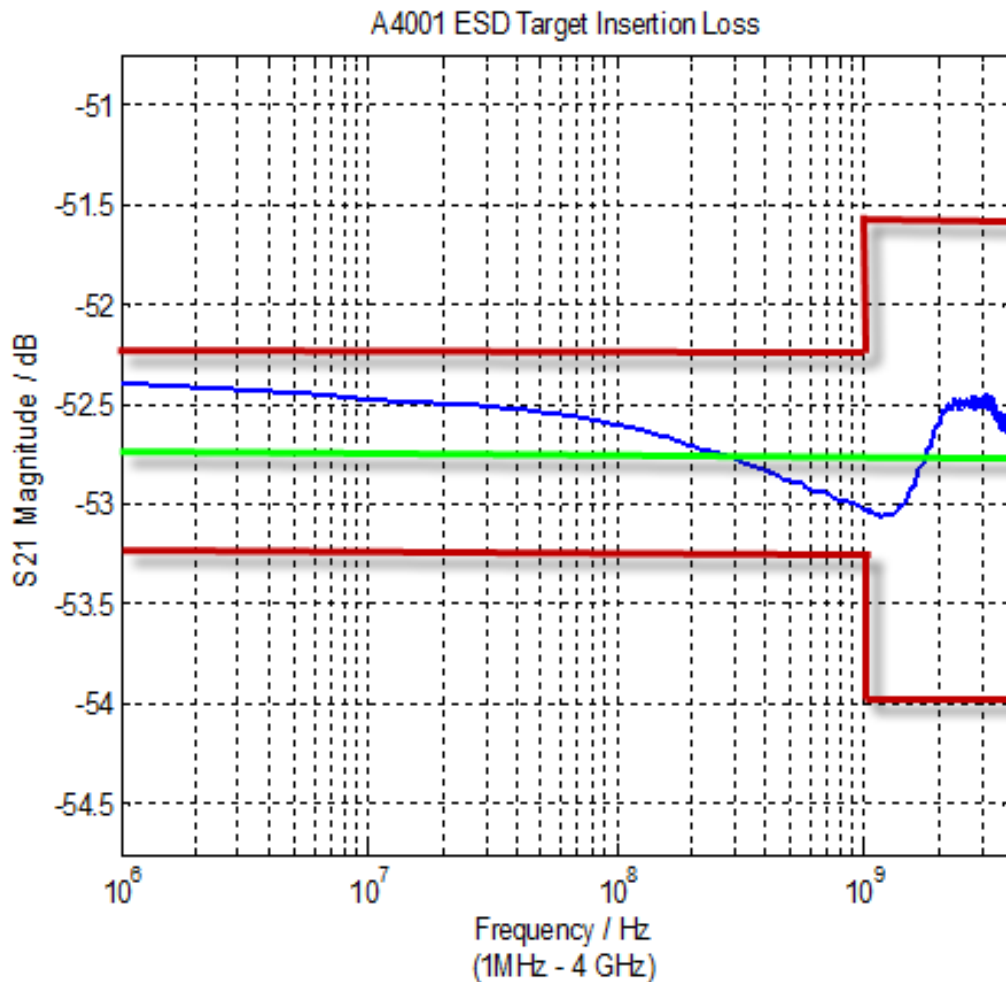
- Lifetime technical support
- Free standard test consulting
- 1 year warranty (extendable)

ESD Current Target Specifications



Specifications:

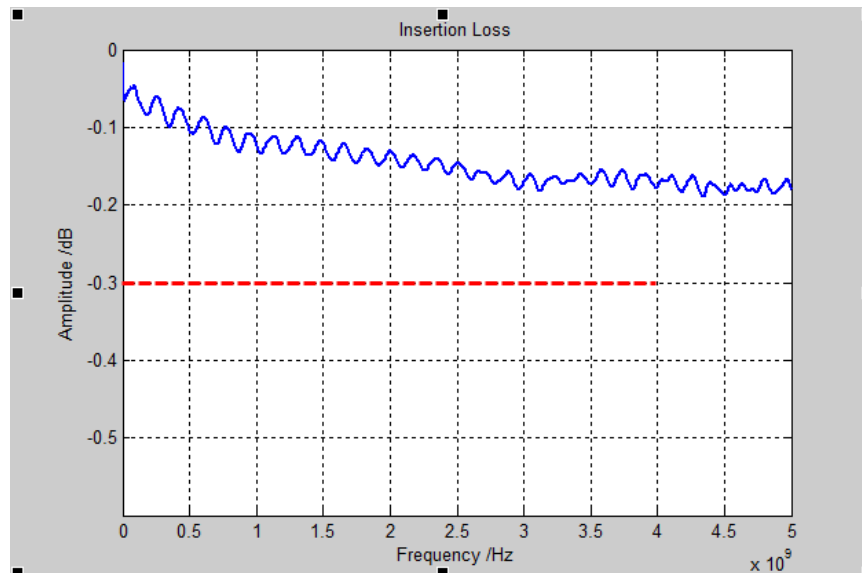
- Excellent frequency response DC – 4GHz
< ± 0.5 dB up to 1GHz, < ± 1.2 dB up to 4GHz
- Input Resistance 2.08 Ohm $\pm 1\%$, 2.00 Ohm when match with 50 Ohm load
- Max. IEC Pulse Amplitude
Tested up to ± 30 kV
- Voltage Non-linearity
< 2% up to 20kV, < 5% up to ± 30 kV



ESD Current Target Adapter Line Specifications



Insertion Loss (S21) \leq 0.3dB up to 4GHz



Reflection coefficient (S11 or S22) $<$ -30dB up to 1GHz, $<$ -20dB up to 4GHz

