

RFS set

扫描探头 (30MHz-3GHz)



Short description

RFS扫描探头组包含三个无源近场探头，用于在研发阶段扫描测量电场和磁场，频率范围为30MHz到3GHz。该探头组的探头可以实现紧贴电子模块测量，从而定位干扰信号源。它们记录受测物的近电场和近磁场的整个图形。该扫描探头组具备外片电流衰减和电屏蔽。扫描探头可以接到频谱分析仪或示波器的50Ω输入端。探头内部没有50Ω的终端阻抗。扫描探头的测量信号可以通过PA 203或PA 303型前置放大器放大。根据需求生产RFS，LFS，SXS 和XFS型扫描探头。

They are designed for frequency ranges of 30 MHz to 3 GHz. The probe heads of the RFS set allow for close measurements needed to correctly localize interference sources on an electronic assembly. They document the whole image of the device under test's near field.

The scanner probes have a sheath current attenuation and are electrically shielded. They are connected to a spectrum analyzer or an oscilloscope with a 50 Ω input. They do not have an internal terminating resistance. The measuring signal can be increased with PA 203 or PA 303 preamplifier. On request further LFS, RFS, XFS, and SXS scanner probes are available.

Delivery content

- 1x RFS-B 3-2, 扫描探头 (30MHz-3GHz)
- 1x RFS-E 03, 扫描探头 (30MHz-3GHz)
- 1x RFS-R 50, 扫描探头 (30MHz - 3GHz)
- 1x SMA-SMA 1 m, SMA-SMA 测量电缆
- 1x RFS case, System case

Technical parameters

频率范围	30 MHz ... 3 GHz
接口	SMA, male, jack

Application RFS-B3



Scope of delivery RFS set

