

# RF absorber mat

## HF-A-3,5GHz-ATSMA14/HF/AL

Item 112731



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- RF absorber for radio-frequency exchangeable kit for setting up an interference-free, internal radio network
- Reliable prevention of unwanted reflections of radio signals within the radio-frequency chamber

### Application

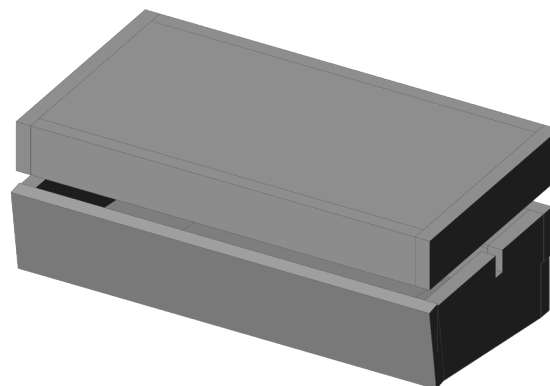
RF absorbers are used to cover the inner walls of the radio-frequency exchangeable kit in order to create an interference-free radio network and prevent reflections of radio signals within the RF chamber. The RF absorber is selected based on the frequency used and the size of the exchangeable kit.

#### Note:

Refer to the customising guidelines document INFO 4585 to ensure correct installation of the RF absorber.

#### Note:

RF absorbers have a conductive (light grey) and a non-conductive (anthracite) surface. During installation, ensure that the light grey side faces the RF DUT and the anthracite side faces the RF chamber.



#### Note:

Exchangeable kits customised with RF absorbers, the usable areas and the maximum permitted component height of the PCB are reduced.

### General data

Product group:	RF accessories
Series:	HF-A
Type:	RF absorber set
Version:	RF exchangeable kit ATS MA14/HF
Accessory type:	Customising accessories
Scope of delivery:	Unassembled
Material:	RF plastic foam
Weight:	0.95 kg [2.09 lbs]
Min. temperature:	10 °C [50 °F]
Max. temperature:	60 °C [140 °F]
RoHS-compliant:	Yes

### Compatible with

Exchangeable kits version:	HF, ESD
MA exchangeable kits (ATS MA):	ATS MA14(/S-10)/HF/AL/ESD

### Technical data

Free space above PCB:	40 mm [1.57 in]
Frequency up to:	3.5 GHz
Useable area (WxD):	476 x 230 mm [18.7 x 9.05 in]
Outer dimensionS (WxDxH):	546 x 292 x 195 mm [21.4 x 11.4 x 7.67 in]

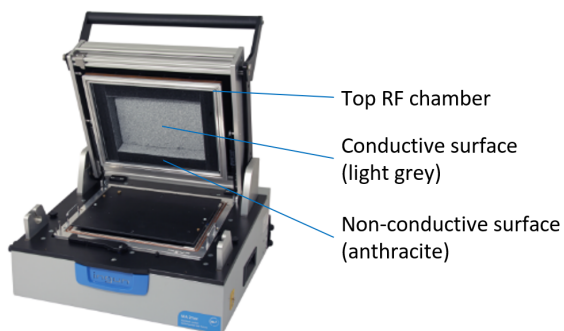
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### Radio-frequency exchangeable kits

Part no.	Designation	Version
154014	ATS MA14/HF/AL/ESD	Radio-frequency exchangeable kit without internal interface
154114	ATS MA14/S-10/HF/AL/ESD	Radio-frequency exchangeable kit with internal interface

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