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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

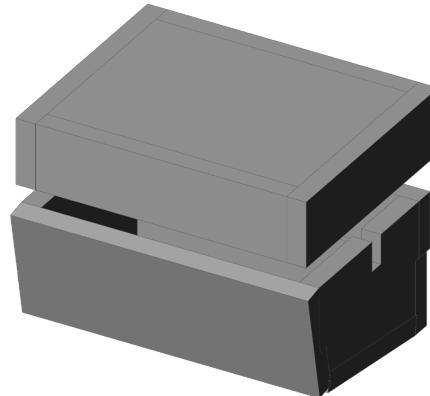
RF absorbers are used to cover the inner walls of the radio-frequency exchangeable kit in order to create an interference-free radio network and prevent reflections of radio signals within the RF chamber. The RF absorber is selected based on the frequency used and the size of the exchangeable kit.

#### 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 MA12/HF
Accessory type:	Customising accessories
Scope of delivery:	Unassembled
Material:	RF plastic foam
Weight:	0.4 kg [.881 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 MA12(/S-7)/HF/AL/ESD

#### Technical data

Free space above PCB:	40 mm [1.57 in]
Frequency up to:	3.5 GHz
Useable area (WxD):	220 x 155 mm [8.66 x 6.1 in]
Outer dimensionS (WxDxH):	289 x 222 x 195 mm [11.3 x 8.74 x 7.67 in]

RF absorber mat

**HF-A-3,5GHz-ATSMA12/HF/AL**

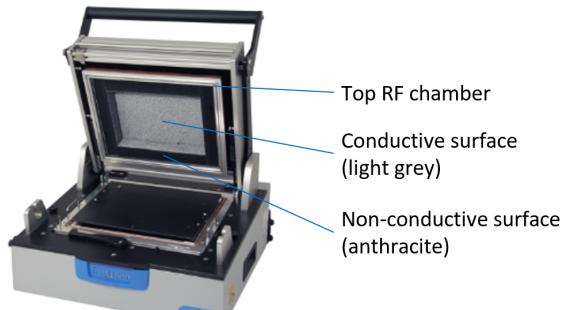
Item 112711



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#### Radio-frequency exchangeable kits

Part no.	Designation	Version
154012	ATS MA12/HF/AL/ESD	Radio-frequency exchangeable kit without internal interface
154112	ATS MA12/S-7/HF/AL/ESD	Radio-frequency exchangeable kit with internal interface

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