

**RADIO FREQUENCY
DOOR AND FRAME
ASSEMBLIES**

RADIO FREQUENCY DOORS



AMBICO

SPECIALIZED DOORS · FRAMES · WINDOWS

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RADIO FREQUENCY DOORS

- AMBICO Radio Frequency (RF) Door and Frame assemblies are specialized doors designed to minimize the transmission of radio frequency or electromagnetic energy into a space.
- RF Door and Frame Assemblies can be combined with Acoustic (STC) performance certification when hybrid performance values are essential.
- RF Door and Frame Assemblies offer reliable shielding against electromagnetic interference in environments that house RF-sensitive equipment or confidential information.
- RF Door and Frame Assemblies are an excellent solution for various environments, including healthcare facilities, government and military centers, and communication institutions.
- In healthcare settings, RF shielding plays a crucial role. Medical institutions house sensitive equipment that can be affected by electromagnetic interference, potentially leading to inaccuracies and misdiagnosis. Radio-frequency door and frame assemblies provide the necessary shielding, ensuring a secure environment for medical practices.
- With increasing concerns about cybersecurity, RF Door and Frame Assemblies (combined with STC performance) are becoming the preferred product in government facilities and financial institutions that store highly sensitive digital information. RF Door and Frame Assemblies offer reliable defense against digital threats, ensuring security in these critical environments.
- RF Door and Frame Assemblies are widely used in telecommunications industries and communication centers, where minimizing electromagnetic interference is essential to maintain uninterrupted communication and operations.

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PRODUCT INFORMATION

- AMBICO Radio Frequency Door and Frame Assemblies perform in ranges from 1MHz to 28 GHz, achieving a minimum of 60 dB. * *
- Assemblies are provided complete with RF gasketing that is essential to product performance in the field.
- Materials are provided in stainless steel to meet the wide variety of applications.
- RF Door and Frame Assemblies have been tested in accordance with IEEE 299 testing procedure to ensure the effectiveness of the shielding.
- All Acoustic Door and Frame Assemblies are tested in conformance with ASTM E90 and E413 standards.
- Fire-rated Radio Frequency assemblies are available with a rating up to 180 minutes and in accordance with UL 10c standards. All fire rated products are tested in accordance with NFPA-80 and are certified by Underwriters Laboratories and Warnock Hersey International.

FOR SCIF APPLICATIONS

- SCIF Rooms, or Sensitive Compartmented Information Facilities, are secure spaces designed to protect highly sensitive information from digital and physical compromise.
- AMBICO SCIF Door and Frame Assemblies, whether designed for acoustic attenuation only or combined with acoustic and RF shielding, meet the DCID 6/9 standard and are used in a variety of high-security applications.

* * Complete test reports are available upon request