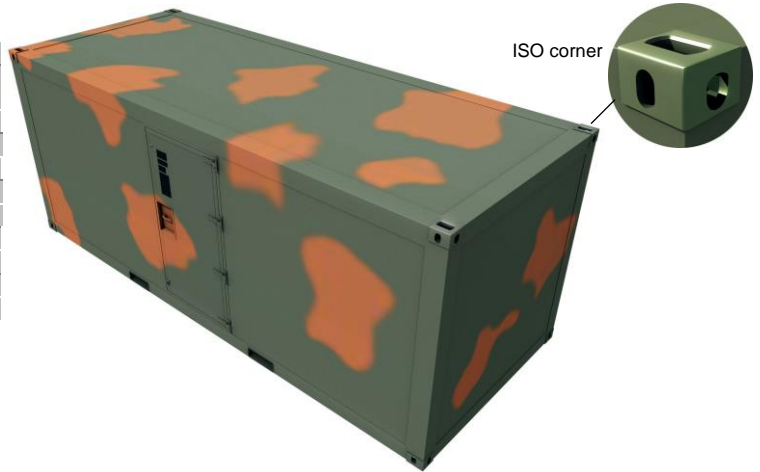


ISO 1C 20' Shelter

Model	ISO 1C 20'	
Construction	Aluminum profile frame, Aluminum/Honeycomb/ Aluminum sandwich panels	
Optional EMI shielding	dB	60
Optional ballistic protection	STANAG 4569 level 1	
Thermal conductivity	W/m ² K	1,7
Reference standard	ASTM E1976-05	
Weight	kg	1285
Payload	kg	7180
Gross weight	kg	8465
Dimensions (LxWxH)	mm	6058x2438x2438
Part #	045896	



Description:

The RF COM Tactical Mobile Shelter ISO 1C 20' has its dimensions defined by the ISO 668 standard for a 20 ft class 1C container, and was developed for the installation of electronics and telecommunication equipment. The shelter can be easily adapted for the specific needs of each application.

Transport vehicle:

- Container carrier truck

Characteristics:

- Robustness, with high structural strength;
- Optional EMI shielding;
- Good thermal isolation, optimizing the HVAC system usage;
- High weather resistance;
- Typical occupancy: 6 people.

Construction:

Walls, roof, and floor are made of vacuum-laminated Aluminum-Honeycomb-Aluminum sandwich panels. These panels present high structural resistance, corrosion resistance, acoustic isolation, thermal isolation, and low weight.

The shelter frame is made of extruded Aluminum profiles, and each vertex is fitted with an Aluminum ISO corner.

The access door has 4 Aluminum hinges, 3-point roller locks, and silicone rubber along the perimeter, ensuring a perfect sealing for the shelter. For the EMI shielding option, a conductive gasket is also used.

Roof hatches, roof access folding step stairs, and skids can be installed as options.

Integration:

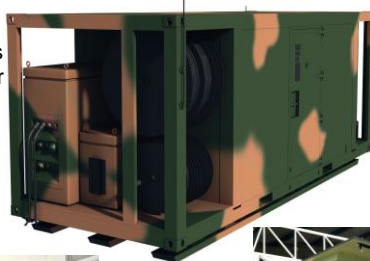
The ISO 1C 20' shelter can be supplied integrated for a wide range of applications such as: telecommunications, communications and control, communication detection, interception and jamming, intelligence, electronic warfare, interference, location (direction finder), mobile radar, UAV ground station, VOR/DME station, training/meeting room, medical support, situation management office, graphics and video production for special operations, topographic operations, ammunition transport, etc.

RF COM builds and integrates each ISO 1C 20' shelter according to the requirements and specifications of each application. The integration can include for example: External connection or equipment panels, generator group, isolated compartments for the generator and storage, HVAC system, CBRN filters, racks, benches, telescoping mast, support and cable entry/connectors for external antennas, etc..

Contact us about your application requirements.

ISO 1C 20' Application Examples

Telecommunications Shelter



Tactical Shelter



Steel Shelter for Radar Syst. Integration

