

HDT AIRBEAM® TALL RADOME SHELTERS

Rapidly-Deployed Expeditionary RaDome



The HDT AirBeam Tall RaDome (radar dome) Shelter is a weatherproof enclosure that provides superior protection for the VSAT / Trailer System AN/TSC-181C Satellite or other tall antenna platforms. Constructed of material that minimally attenuates the electromagnetic signal transmitted or received by the antenna, the inflatable AirBeam RaDome is virtually transparent to radar or radio waves. It deploys with minimal logistic support and labor and protects the antenna surfaces from wind, rain, ice, sand and ultraviolet rays while also concealing the antenna electronic equipment from public view.

KEY FEATURES

- Accommodates the VSAT / Trailer System AN/TSC-181C Satellite (15.7' height deployed)
- Garage and personnel door openings
- Deployed interior footprint is 27' x 28' x 17.5'
- Attenuates electromagnetic signal transmitted from Satellite
- 10 minute setup and strike time
- Includes diesel compressor



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Ordering information

Olive Drab

HDT Part Number 102-H021398-120

NSN N/A

On GSA Contract

Tan

HDT Part Number 102-H021398-130

NSN N/A

On GSA Contract

Interior Dimensions

Clear Interior Height
17'
5.18 m

Floor Space
29' x 27'
8.8 x 8.2 m

Area
525 ft²
48.7 m²

Packed Dimensions

Dimensions
65" x 36" x 36"
165 x 91.4 x 91.4 cm

Volume
45 ft³
1.27 m³

Weight

with Stake Kit
600 lbs
272.1 kg

Number of Beams 3

Working Pressure
60 psi
413.7 kPa

Diameter
10"
25.4 cm

Environmentals

Snow Load
10 psf
0.48 kPa

Wind
65 mph
104.6 kph

Set-up

Time 20 mins

Personnel 4 each

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design.
Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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NON-EXPORT CONTROLLED INFORMATION

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