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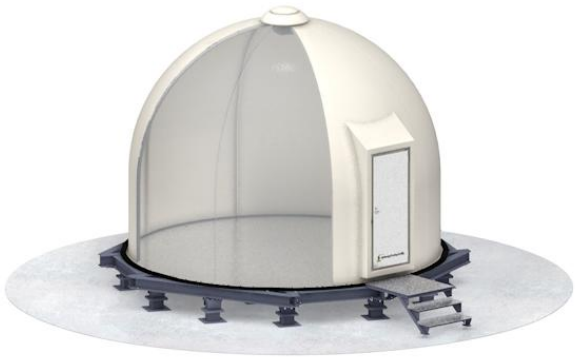
# Compact Antenna Radome Unit

## Low-Loss, Portable & Modular Antenna Radome Unit

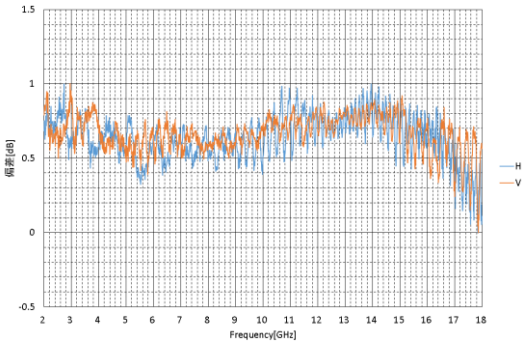
Covering up to the Ku-band*1, this low-loss, quick-deploy radome unit ensures uniform performance regardless of antenna type with minimal impact on radiation patterns. Its compact, space-saving design is built to endure diverse field conditions, including cold climates and coastal locations.

## Features

- Lightweight, low-loss GFRP (Glass Fiber Reinforced Polymer)
- Minimum installation footprint of 49 $m^2$
- Quick-deploy antenna mounting structure and radome, transportable and assembled using three 10-ton crane trucks*2
- Top-mounted air ventilator equipped with a salt-mist filter for coastal environments



Simulation image




Transmission Characteristics (Typ.)

| | Specifications |
|---|---|
| Model Name | Compact Antenna Radome Unit |
| Model Number | MRU01 |
| Pedestal Size (mm) | W6000 x D6000 x H600 *3 |
| Redome exterior Size (mm) | Phi 5,222 x H4,230 |
| Pedestal Weight | 3,600 kg |
| Redome Mass | 1,000 kg |
| Minimum Installation Footprint | 49㎡ (7m × 7m) *4 |
| Pedestal Material | Steel + Hot-Dip Galvanizing |
| Redome Material | Glass Fiber Reinforced Polymer (GFRP) |
| Allowable Installation Flatness | ± 50mm |
| Survival Wind Speed | < 50m/s |
| Operating Temperature | -30 to +80°C<br>(-22°F to +176°F) |
| Color | Available upon request |
| Accessories | - Top-Mounted Radome Salt-Mist Filter<br>- Connector Panel for floor cables |

Scan for 3D view

*1 Please contact us regarding supported frequency bands and insertion loss.
*2 Depending on site conditions, equipment such as a rough-terrain crane may be required for installation.
*3 Custom pedestal heights are available upon request to suit your installation environment.
*4 Each of the 16 pedestal legs requires a flat surface (450 mm × 450 mm) and a simple foundation accounting for ground settlement.

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