

# 2.4-meter Ka-band

Broadband MEO Earth station antenna

**Designed for the latest high-capacity Ka-band satellites, the 2.4-meter antenna system delivers high-speed broadband connectivity for residential, commercial, and government services.**

The Viasat 2.4-meter Ka-band antenna is ideally suited for high-performance MEO or inclined orbit Ka-band applications.

The shaped-offset antenna features precision reflector surfaces, designed to improve gain and side lobe performance at Ka-band frequencies. The composite antenna panels provide a rigid structure that maintains its shape in extreme thermal environments, including de-ice operation.

The heavy-duty boom arm includes mounting provisions for LNAs, LNBs, and BUCs of up to 250 W.

The rugged mount delivers pointing accuracy in adverse wind conditions. Both axes utilize robust slewing drives for years of reliable service in severe environments. Optical encoders in both axes provide precision position feedback.

Viasat's proven antenna control system features DC servo performance with adaptive step tracking, designed to enhance tracking performance. For quick access and service, the control system is conveniently located on the pedestal.

Viasat's antenna control system features auto alignment capabilities which greatly simplify installation. Initial antenna pointing alignment errors are automatically detected and corrected by the system.



## 2.4-meter at-a-glance

- › Antenna patterns compliant with FCC, ITU, ANATEL and Eutelsat regulations
- › High efficiency shaped-offset optics
- › Composite reflector construction
- › 2-port and 4-port circularly and linearly polarized feeds available
- › Precision structural steel mount
- › Easily accessible rear mounting frame for electronics packages
- › CE compliant
- › Damage resistant feed window

### OPTIONS

- › Electric de-icing
- › HPA/LNA/converter mounting
- › Alternate frequency bands
- › Installation and maintenance services

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