

2.4 Meter Nomadic

The ASC Signal 2.4 m Nomadic is a highly flexible antenna system designed to operate on almost any satcom band and in many configurations. The entire reflector structure consists of lightweight carbon fiber panels, with multiple mounting scenarios, and can be ordered in motorized or non-motorized versions. With feeds available to address L-, C-, X-, Ku-, K-, Ka-, and Q-bands, as well as low PIM capable feeds, few applications are beyond its capabilities.

This antenna supports a variety of interchangeable feeds which are engineered for simple removal and replacement in the field. The reflector is constructed with a precision-formed honeycomb core and a carbon fiber skin which assures durability and high performance. The reflector is readily available in one-, three-, and nine-piece versions - all sharing common RF design components and performance capabilities.

The Nomadic is designed to be lightweight, with maximum stiffness, yet offers compact and highly robust components. The versatile architecture makes it ideal for launching highly divergent equipment applications using a single, flexible, modular and cost-effective equipment base.

Electronically engineered to operate at multiple frequencies, ASC Signal's 2.4 meter Nomadic is capable of transmitting and receiving signals under demanding wind loads and surviving winds up to 100 mph. Weighing less than 220 kg (480 lb), in fully motorized versions (including feeds), the tactical version can be deployed by two trained individuals within 30 minutes.

FEATURES

- Multiple Versions available
 - One-, three-, and nine-piece reflector panels
 - Motorized and non-motorized axes
 - Pedestal, Tactical and Mobile Mounts
- Six-case ISO shippable version
- Lightweight reflector , high accuracy tracking mount
- Interchangeable feed systems for quick field swaps
- Meets all applicable FCC, ITU and Mil-Spec standards
- Designed to comply with MIL-STD-810F
- Various trailer configurations are available
- Low PIM X-band available



The reflector is available in one-, three-, and nine-piece carbon fiber modular panels with latches for quick assembly



Vehicle mount version with desert tan finish