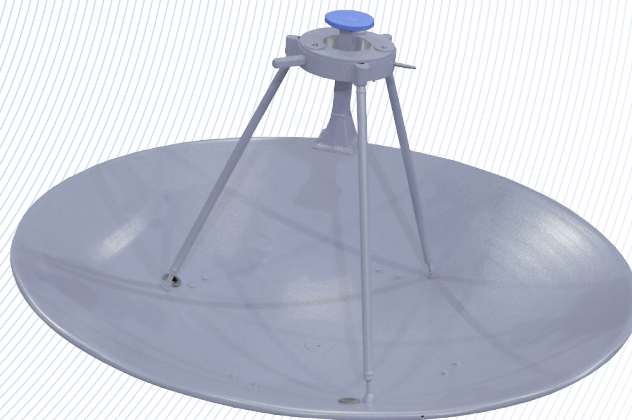


MI-22 Family of Parabolic Reflectors



- High gain with broad frequency coverage
- Available in sizes from one to ten feet in diameter
- Feed support hardware and an interface mounting fixture included
- The feed support system is designed for use with MI-23 and MI-28 feeds

Description

The MI-22 Family of Parabolic Reflectors features optimum side-lobe bandwidth characteristics, high gain and waveguide band frequency coverage when used with a variety of interchangeable feeds.

Reflectors are available in sizes from one to ten feet in diameter and include feed support hardware and an interface mounting fixture. The feed support system can be used with different MI Technologies feeds, thus extending the flexibility of each reflector.

Four-foot diameter and larger reflectors include two transmission lines to the feed support assembly for use with MI-28 dual polarized feeds. When used with single-polarized feeds the additional transmission line may be removed.

Weights for specific feeds can be found in the specification section.

Electrical alignment and focusing (with data supplied) can be furnished at additional cost. Contact the factory for additional information.

Specifications

Model	Diameter	F/D	Weight	Wind Load
MI-22A-1	1ft 0.3 m	0.375	8 lbs 3.6 kg	10 lbs 4 kg
MI-22A-2	2 ft 0.6 m	0.375	12 lbs 5.45 kg	39 lbs 18 kg
MI-22-4A	4 ft 1.2 m	0.375	46 lbs 20.9 kg	156 lbs 71 kg
MI-22-6C	6 ft 1.8 m	0.400	80 lbs 36.4 kg	351 lbs 160 kg
MI-22-8B	8 ft 2.4 m	0.373	175 lbs 79.5 kg	625 lbs 284 kg
MI-22-10A	10 ft 3 m	0.298	235 lbs 106.8 kg	977 lbs 444 kg

Additional Information

When ordering an MI-22 parabolic reflector, please make note of the recommended feed (see compatibility table below) for your particular choice to ensure proper performance. Each reflector includes the feed support hardware and the interface mounting fixture for the feeds listed in the compatibility table in this section.

Feed Compatibility

Reflector	Tripod Assembly	MI-23 Family	MI-28 Family
MI-22-10A	Tripod 2 Coax	1.7/8/10 2.6/8	0.5/10 1.0/8/10 2.0/8/10
MI-22-8B	Tripod 2 Coax	1.7/8/10 2.6/8 3.9/8 5.8/8	1.0/8/10 2.0/8/10 4.0/8
MI-22-6C	Tripod 2 Coax	2.6/4/6 3.9/4/6 5.8/4/6 8.2/6	4.0/4/6 8.0/4/6
MI-22-4A	Tripod 2 Coax	2.6/4/6 3.9/4/6 5.8/4/6 8.2/4 12/4	4.0/4/6 8.0/4/6 12.4/4
MI-22A-2	Tripod	A-8.2/2 A-12/2	N/A
MI-22A-1	Button hook	A-12/1 A-18/1 A-26/1	N/A

Accessories

MI-23 Family of Waveguide Bandwidth Feeds

MI-28 Family of Broadband Dual-Polarized Feeds



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