

## Series 33 Compact Range Feeds

### Features

- Offer a wide frequency coverage from 1.0 to 94 GHz
- Designed to ensure your MI Technologies compact range performs with excellence

### Description

The compact range is a convenient and accurate method to accomplish antenna measurements on an indoor test range. To fully achieve the desired performance, your MI Technologies compact range requires one of our Series 33 Compact Range Feeds.

All Series 33 feeds are ideally suited for MI Technologies compact ranges. Each one generates the broad beamwidth required to fully illuminate the compact range reflector. This performance successfully limits the amplitude taper across the compact range test zone which enhances the accuracy of your measurement. Like other MI Technologies feeds and antennas, all Series 33 feeds are designed and manufactured to ensure many years of useful life on your test range.

Series 33 feeds can also be used to make radar cross section measurements. Consult a MI Technologies sales office for details.



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### Specifications

Model	Frequency Range	Flange Type
33 - 0.75	0.75 - 1.1 GHz	UG-437A/U
33 - 1.1	1.1 - 1.7 GHz	UG-418B/U
33 - 1.7	1.7 - 2.6 GHz	UG-437A/U
33 - 2.6	2.6 - 3.95 GHz	UG-53/U
33 - 3.95	3.95 - 5.85 GHz	UG-149A/U
33 - 5.85	5.85 - 8.2 GHz	UG-344
33 - 8.2	8.2 - 12.4 GHz	UG-39B
33 - 12.4	12.4 - 18.0 GHz	UG-419/U
33 - 18.0	18.0 - 26.5 GHz	UG-425/U
33 - 26.0	26.5 - 40.0 GHz	UG-381/U
33 - 40.0	40.0 - 60.0 GHz	UG-383M/U
33 - 60.0	60.0 - 94.0 GHz	UG-387/U

Polarization	Linear
Gain	6 to 8 dB

Series 5700 Compact Range specifications are listed in the compact range section of this catalog.

### Ordering Information

Compact range feeds are ordered separately when a Series 5700 Virtual Vertex Compact Range is ordered. Each feed includes the hardware to mount it into the compact range feed positioner supplied with each Series 5700 Compact Range.

Please note that each model of compact range is designed for a specific frequency range. Thus, the compact range may not perform to specification when illuminated with the wrong feed and frequency. Consult your MI Technologies sales office for details.

### Options

Not Applicable

### Accessories

Not Applicable