

1.2 m Reflector Antennas

Offset 0.5 - 2 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-52

Frequency	0.5 - 2 GHz
Nominal Gain	12.5- 24.5 dBi
3dB Beamwidth	30° - 7.4°
Connector type	N -Type Jack (waveguide flange and other options available)
Typical VSWR	< 2.1: 1
Power Handling	200 Watts, c.w.
Dimensions	1200 mm offset reflector

Prime Focus 1 - 2 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-12

Frequency	1 - 2 GHz
Nominal Gain	18.7 - 24.7 dBi
3dB Beamwidth	18° - 9°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 2.1 : 1
Power Handling	350 Watts, c.w.
Dimensions	1200 mm reflector

Prime Focus 2 - 4 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG12-24

Frequency	2 - 4 dBi
Nominal Gain	25.4 - 31 dBi
3dB Beamwidth	8.5° - 4.2°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.6:1
Power Handling	200 Watts, c.w.
Dimensions	1200 mm reflector, 457 mm focal length

Prime Focus 2 - 8 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-28

Frequency	2 - 8 GHz
Nominal Gain	25 to 36 dBi
3dB Beamwidth	8.1° - 2.4°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 2.2:1
Power Handling	300 Watts, c.w.
Dimensions	1200 mm reflector, 457 mm focal length

Prime Focus 2 - 18 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-218

Frequency	2 - 18 GHz
Nominal Gain	24.5 to 38 dBi
3dB Beamwidth	9° - 1°
Connector type	SMA or N Type Jack (replace # with S or N when ordering)
Typical VSWR	< 2.5:1
Power Handling	40 Watts, c.w. (SMA connector)
Dimensions	1200 mm reflector

Prime Focus 2 - 18 GHz Dual Polar Reflector Antenna (Dual-Polar Wideband Feed)

Model Number: CSG12-218D

Frequency	2 - 18 GHz
Nominal Gain	24.9 to 38 dBi
3dB Beamwidth	7.3° - 0.8°
Connector type	SMA Jack
Typical VSWR	< 2.4:1
Power Handling	20 Watts, c.w.
Dimensions	1200 mm reflector

Prime Focus 4 - 6 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG12-46

Frequency	4 - 6 GHz
Nominal Gain	31 to 34.3 dBi
3dB Beamwidth	4° - 2.8°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.6:1

Power Handling	70 Watts, c.w.
Dimensions	1200 mm reflector

Prime Focus 6 - 8 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG12-68

Frequency	6 - 8 GHz
Nominal Gain	34.6 to 37.1 dBi
3dB Beamwidth	2.7° - 2°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.4:1
Power Handling	55 Watts c.w.
Dimensions	1200 mm reflector

Prime Focus 6.5 - 18 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-6518

Frequency	6.5 - 18 GHz
Nominal Gain	35.3 to 42.8 dBi
3dB Beamwidth	2.4° - 1.1°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 2.2:1
Power Handling	300 Watts, c.w. (high power N type)
Dimensions	1200 mm reflector

Prime Focus 7.5 - 18 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-7518

Frequency	7.5 - 18 GHz
Nominal Gain	37 to 43.2 dBi
3dB Beamwidth	1.8° - 0.8°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 2.2:1
Power Handling	300 Watts, c.w. (high power N type)
Dimensions	1200 mm reflector

Prime Focus 8 - 12 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG12-0812

Frequency	8 - 12 GHz
Nominal Gain	37 to 40.5 dBi
3dB Beamwidth	1.9° - 1.3°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.5:1
Power Handling	40 Watts, c.w.
Dimensions	1200 mm reflector, 457 mm focal length

Prime Focus 12 - 18 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG12-1218

Frequency	12 - 18 GHz
Nominal Gain	40.7 to 44 dBi
3dB Beamwidth	1.4° - 0.8°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.6:1
Power Handling	40 Watts, c.w.
Dimensions	1200 mm reflector, 457 mm focal length

Prime Focus 18 - 26.5 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG12-18265

Frequency	18 - 26.5 GHz
Nominal Gain	44.1 to 47.4 dBi
3dB Beamwidth	1.1° - 0.55°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.8:1
Power Handling	30 Watts, c.w.
Dimensions	1200 mm reflector, 457 mm focal length

Prime Focus 18 - 40 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG12-1840

Frequency	18 - 40 GHz
Nominal Gain	44 to 51 dBi
3dB Beamwidth	1° - 0.4°
Connector type	K (2.92mm) Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.8:1
Power Handling	30 Watts, c.w.

Dimensions	1200 mm reflector
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