

1.8 m Reflector Antennas

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

Model Number: CSG18-12

Frequency	1 - 2 GHz
Nominal Gain	23 - 27 dBi
3dB Beamwidth	10° - 5.2°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.6 : 1 (N type)
Power Handling	100 Watts, c.w. high power version available
Dimensions	1800 mm diameter reflector

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

Model Number: CSG18-46

Frequency	4 - 6 GHz
Nominal Gain	23 - 27 dBi
3dB Beamwidth	10° - 5.2°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.6 : 1 (N type)
Power Handling	100 Watts, c.w. high power version available
Dimensions	1800 mm diameter reflector

Prime Focus 4 - 8 GHz Reflector Antenna (Wideband Feed)

Model Number: CSG18-48

Frequency	4 - 8 GHz
Nominal Gain	34.4 to 40.4 dBi
3dB Beamwidth	2.7° - 1.1°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.5 : 1
Power Handling	20 Watts, c.w. high power version available
Dimensions	1800 mm reflector, 756 mm focal length

Prime Focus 4.2 - 5.2 GHz Dual Polarized Reflector Antenna (Dual Polar Waveguide Feed)

Model Number: CSG18-4252

Frequency	4.2 - 5.2 GHz
Nominal Gain	35 - 37 dBi
3dB Beamwidth	2.6° - 1.9°
Connector type	N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.8 : 1
Power Handling	20 Watts, c.w.
Dimensions	1800 mm reflector, 756 mm focal length

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

Model Number: CSG18-68

Frequency	6 - 8 GHz
Nominal Gain	38 - 40.6 dBi
3dB Beamwidth	1.9° - 1.3°
Connector type	SMA Jack (N Type, waveguide flange and other options available)
Typical VSWR	< 1.5 : 1
Power Handling	60 Watts, c.w. (SMA)
Dimensions	1800 mm reflector, 756 mm focal length

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

Model Number: CSG18-1218

Frequency	12 - 18 GHz
Nominal Gain	44.3 - 47.5 dBi
3dB Beamwidth	1° - 0.6°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.6 : 1
Power Handling	40 Watts, c.w.
Dimensions	1800 mm reflector, 756 mm focal length

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

Model Number: QSF20S feed with QSR1800-756

Frequency	18 - 26.5 GHz
Nominal Gain	47.5 to 51 dBi
3dB Beamwidth	0.6° - 0.4°
Connector type	SMA Jack (waveguide flange and other options available)
Typical VSWR	< 1.8 : 1
Power Handling	20 Watts, c.w.
Dimensions	1800 mm reflector, 756 mm focal length