

0.34 m Reflector Antennas

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

Model Number: CSG34-6518

Frequency	6.5 – 18 GHz
Nominal Gain	24 - 31 dBi
3dB Beamwidth	7.7° - 3.1°
Connector type	SMA or N Type Jack (waveguide flange and other options available)
Typical VSWR	< 2.5 : 1
Power Handling	dependent on connector type
Dimensions	340 mm reflector

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

Model Number: CSG34-7518

Frequency	7.5 - 18 GHz
Nominal Gain	26 - 33.2 dBi
3dB Beamwidth	8° - 3°
Connector type	SMA or N Type Jack (waveguide flange and other options available)
Typical VSWR	< 2 : 1
Power Handling	500 Watts, c.w. with Flange
Dimensions	340 mm reflector

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

Model Number: CSG34-0812

Frequency	8 - 12 GHz
Nominal Gain	26.5 - 29.2 dBi
3dB Beamwidth	6.7° - 4.6°
Connector type	SMA or N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.6 : 1 (flange)
Power Handling	dependent on connector type
Dimensions	340 mm reflector

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

Model Number: CSG34-1218

Frequency	12 - 18 GHz
Nominal Gain	29 - 32.5 dBi
3dB Beamwidth	4.6° - 2.8°
Connector type	SMA or N Type Jack (waveguide flange and other options available)
Typical VSWR	< 1.8 : 1 (flange)
Power Handling	40 Watts, c.w. (SMA), 100 Watts c.w. (standard N Type)
Dimensions	340 mm reflector

Prime Focus 18 - 26 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG34-1826

Frequency	18 - 26 GHz
Nominal Gain	33 - 36.8 dBi
3dB Beamwidth	3.2° - 2°
Connector type	SMA (waveguide flange and other options available)
Typical VSWR	< 1.8 : 1
Power Handling	40 Watts, c.w. (SMA)
Dimensions	340 mm reflector

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

Model Number: CSG34-1840

Frequency	18 - 40 GHz
Nominal Gain	33 - 39.5 dBi
3dB Beamwidth	3° - 1.4°
Connector type	K type (2.92 mm) connector (waveguide flange and other options available)
Typical VSWR	< 2 : 1 (K type)
Power Handling	40 Watts, c.w. (K type)
Dimensions	340 mm reflector

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

Model Number: CSG34-1840D

Frequency	18 - 40 GHz
Nominal Gain	33 - 39 dBi
3dB Beamwidth	3.2° - 1.4°
Connector type	2 x K Type (2.92 mm) connector
Typical VSWR	< 2.8 : 1
Power Handling	20 Watts, c.w.
Dimensions	340 mm reflector

Prime Focus 26 - 40 GHz Reflector Antenna (Waveguide Feed)

Model Number: CSG34-2640

Frequency	26 - 40 GHz
Nominal Gain	36.5 - 40 dBi
3dB Beamwidth	2.3° - 1.5°
Connector type	K type (2.92 mm) connector (waveguide flange and other options available)
Typical VSWR	< 2.1 : 1
Power Handling	dependent on connector
Dimensions	340 mm reflector

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