



Description

Mi-Wave's 955 Series microwave and millimeter wave amplifiers offer a wide variety of frequency ranges, bandwidths, gain and power outputs.

Low cost production designs to meet the demanding needs of communications are also now available.

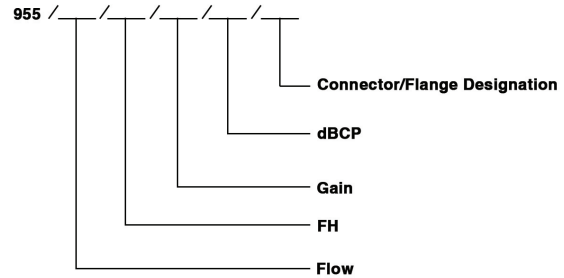
Please consult Mi-Wave for technical specifications and outline drawings.

- Low Noise
- High Gain
- Full Bandwidths
- Wide Variety of Frequency Ranges
- 8 GHz to 140 GHz

Technical Specifications (typical)					
Freq. Min. (GHz)	Freq. Max (GHz)	Gain	Noise Figure	VSWR	I/O
01	18	26dB	3.0 dB	2.5:1	SMA (F)
04	08	28dB	0.8 dB	1.5:1	SMA (F)
08	12	33dB	2.0 dB	1.8:1	SMA (F)
18	40	41dB	3.0 dB	2.4:1	K (F)
18	26.5	48dB	2.5 dB	2:1	K (F)
18	26.5	48dB	2.5 dB	2:1	WR42 Waveguide
18	26.5	30dB	2.5 dB	2:1	K (F)
18	26.5	30dB	2.5 dB	2:1	WR42 Waveguide
18	26.5	20dB	2.5 dB	2:1	K (F)
18	26.5	20dB	2.5 dB	2:1	WR42 Waveguide
26.5	40	30dB	3.0 dB	2:1	K (F)
26.5	40	30dB	3.0 dB	2:1	WR28 Waveguide
26.5	40	20dB	3.0 dB	2:1	K (F)
26.5	40	20dB	3.0 dB	2:1	WR28 Waveguide
27	35	35dB	3.0 dB	2:1	K (F)
27	35	35dB	3.0 dB	2:1	WR28 Waveguide
33	50	25dB	6.5 dB	2.5:1	K (F)
33	50	25dB	6.5 dB	2.5:1	WR22 Waveguide
33	37	30dB	3.0 dB	2:1	K (F)
33	37	30dB	3.0 dB	2:1	WR22 Waveguide
36	45.5	25dB	3.5 dB	2:1	2.4mm (F)
40	60	30dB	8.0 dB	3:1	WR19 Waveguide
40	45	35dB	4.0 dB	2.5:1	2.4mm (F)
50	75	35dB	5.0 dB	2.5:1	WR15 Waveguide
50	70	35dB	5.0 dB	2.5:1	V (F)
60	90	25dB	5.0 dB	3.5:1	WR12 Waveguide
71	86	30dB	6.0 dB	3:1	WR12 Waveguide
71	86	20dB	4.0 dB	3.5:1	WR12 Waveguide
75	90	25dB	4.0 dB	3.5:1	WR12 Waveguide
75	90	25dB	4.0 dB	3:1	WR10 Waveguide
75	90	25dB	4.0 dB	3.5:1	WR10 Waveguide
75	110	20dB	4.0 dB	3:1	WR10 Waveguide
80	100	25dB	4.0 dB	3:1	WR10 Waveguide
80	100	25dB	4.0 dB	3.5:1	WR10 Waveguide

ABOVE: STANDARD SPECIFICATIONS CHART

Ordering Information



Other Bandwidths, Gain, and dBCP available.

Consult Mi-Wave for more specification needs.

Reference Outline Drawings on Page 89