

## WAVEGUIDE TO MICROSTRIP ADAPTER



### Waveguide to Microstrip Adapter (Right Angle)

#### ELECTRICAL CHARACTERISTICS:

Part No.	WG Type EIA	Freq Range (GHz)	Working Bandwidth	VSWR	IL(dB)	Avg Power(W)	Length L(mm)	Flange	Material
SH-32WMI	WR284	2.60-3.95	≤15%	≤1.25	≤0.2	100	80	FDP	Al
SH-40WMI	WR229	3.22-4.90	≤15%	≤1.25	≤0.2	100	70	FDP	Al
SH-48WMI	WR187	3.94-5.99	≤15%	≤1.25	≤0.2	100	70	FDP	Al
SH-58WMI	WR159	4.64-7.05	≤15%	≤1.25	≤0.2	100	60	FDP	Al
SH-70WMI	WR137	5.38-8.17	≤15%	≤1.25	≤0.2	100	50	FDP	Cu
SH-84WMI	WR112	6.57-9.99	≤15%	≤1.25	≤0.2	50	45	FBP	Cu
SH-100WMI	WR90	8.20-12.40	≤15%	≤1.25	≤0.2	50	50	FBP	Cu
SH-120WMI	WR75	9.84-15.0	≤15%	≤1.25	≤0.2	50	40	FBP	Cu
SH-140WMI	WR62	11.9-18.0	≤15%	≤1.25	≤0.2	50	40	FBP	Cu
SH-180WMI	WR51	14.5-22.0	≤15%	≤1.25	≤0.2	50	35	FBP	Cu
SH-220WMI	WR42	17.6-26.7	≤15%	≤1.50	≤0.3	30	30	FBP	Cu
SH-260WMI	WR34	21.7-33.0	≤15%	≤1.50	≤0.5	30	26	FBP	Cu
SH-320WMI	WR28	26.5-40.0	≤15%	≤1.50	≤0.5	30	26	FBP	Cu



### Waveguide to Microstrip Adapter (End Launch)

#### ELECTRICAL CHARACTERISTICS:

Part No.	WG Type EIA	Freq Range (GHz)	VSWR	IL(dB)	Avg Power(W)	Length L(mm)	Flange	Material
SH-32WEMI	WR284	2.60-3.95	≤1.25	≤0.2	100	82	FDP	Al
SH-40WEMI	WR229	3.22-4.90	≤1.25	≤0.2	100	68	FDP	Al
SH-48WEMI	WR187	3.94-5.99	≤1.25	≤0.2	100	58	FDP	Al
SH-58WEMI	WR159	4.64-7.05	≤1.25	≤0.2	100	56	FDP	Al
SH-70WEMI	WR137	5.38-8.17	≤1.25	≤0.2	100	50	FDP	Cu
SH-84WEMI	WR112	6.57-9.99	≤1.25	≤0.2	50	40	FBP	Cu
SH-100WEMI	WR90	8.20-12.40	≤1.25	≤0.2	50	30.5	FBP	Cu
SH-120WEMI	WR75	9.84-15.0	≤1.25	≤0.2	50	21	FBP	Cu
SH-140WEMI	WR62	11.9-18.0	≤1.25	≤0.2	50	24	FBP	Cu
SH-180WEMI	WR51	14.5-22.0	≤1.25	≤0.2	50	25	FBP	Cu
SH-220WEMI	WR42	17.6-26.7	≤1.50	≤0.3	30	18	FBP	Cu
SH-260WEMI	WR34	21.7-33.0	≤1.50	≤0.5	30	21	FBP	Cu
SH-320WEMI	WR28	26.5-40.0	≤1.50	≤0.5	30	16	FBP	Cu