

FLEXIBLE WAVEGUIDE



Twistable–Flexible Waveguide

ELECTRICAL CHARACTERISTICS:

Part No.	WG Type (EIA)	Freq Range (GHz)	VSWR	IL (dB/m)	Max Twist (deg/m)	Min Radius		Flange
						E–Plane(mm)	H–Plane(mm)	
SH-40WEL...PM	WR229	3.22-4.90	≤1.10	≤0.15	132	165	330	FDP/FDM
SH-48WEL...PM	WR187	3.94-5.99	≤1.10	≤0.16	155	136	272	FDP/FDM
SH-58WEL...PM	WR159	4.64-7.05	≤1.10	≤0.22	170	129	258	FDP/FDM
SH-70WEL...PM	WR137	5.38-8.17	≤1.15	≤0.25	108	102	204	FDP/FDM
SH-84WEL...PM	WR112	6.57-9.99	≤1.15	≤0.30	210	76	152	FBP/FBM
SH-100WEL...PM	WR90	8.20-12.40	≤1.15	≤0.40	240	66	127	FBP/FBM
SH-120WEL...PM	WR75	9.84-15.0	≤1.15	≤0.50	340	64	120	FBP/FBM
SH-140WEL...PM	WR62	11.9-18.0	≤1.15	≤0.65	350	54	105	FBP/FBM
SH-180WEL...PM	WR51	14.5-22.0	≤1.15	≤1.10	445	50	100	FBP/FBM
SH-220WEL...PM	WR42	17.6-26.5	≤1.25	≤1.30	465	41	82	FBP/FBM
SH-260WEL...PM	WR34	21.7-33.0	≤1.20	≤1.50	510	35	70	FBP/FBM
SH-320WEL...PM	WR28	26.5-40.0	≤1.25	≤2.00	465	38	76	FBP/FBM
SH-400WEL...	WR22	32.9-50.1	≤1.45	≤3.00	530	38	76	FUGP



Flexible Seamless Waveguide

ELECTRICAL CHARACTERISTICS:

Part No.	WG Type (EIA)	Freq Range (GHz)	VSWR	IL (dB/m)	Pressure (Mpa)	Min Radius		Flange
						E–Plane(mm)	H–Plane(mm)	
SH-14WWEL...PM	WR650	1.13-1.73	≤1.10	≤1.12	≤0.02	500	1000	FDP/FDM
SH-22WWEL...PM	WR430	1.72-2.61	≤1.10	≤1.15	≤0.02	312	624	FDP/FDM
SH-26WWEL...PM	WR340	2.17-3.30	≤1.10	≤1.15	≤0.02	260	520	FDP/FDM
SH-32WWEL...PM	WR284	2.60-3.95	≤1.10	≤0.08	≤0.02	74.676	139.7	FDP/FDM
SH-40WWEL...PM	WR229	3.22-4.90	≤1.10	≤0.08	≤0.02	54.102	82.55	FDP/FDM
SH-48WWEL...PM	WR187	3.94-5.99	≤1.10	≤0.12	≤0.02	49.276	76.2	FDP/FDM
SH-58WWEL...PM	WR159	4.64-7.05	≤1.12	≤0.17	≤0.02	40.64	57.15	FDP/FDM
SH-70WWEL...PM	WR137	5.38-8.17	≤1.12	≤0.21	≤0.02	38.1	52.578	FDP/FDM
SH-84WWEL...PM	WR112	6.57-9.99	≤1.12	≤0.25	≤0.02	35.56	46.228	FBP/FBM
SH-100WWEL...PM	WR90	8.20-12.40	≤1.12	≤0.37	≤0.02	31.75	38.1	FBP/FBM
SH-120WWEL...PM	WR75	9.84-15.0	≤1.12	≤0.49	≤0.02	16.002	31.75	FBP/FBM
SH-140WWEL...PM	WR62	11.9-18.0	≤1.15	≤0.65	≤0.02	17.526	31.75	FBP/FBM
SH-180WWEL...PM	WR51	14.5-22.0	≤1.22	≤1.23	≤0.02	14.478	25.4	FBP/FBM
SH-220WWEL...PM	WR42	17.6-26.5	≤1.22	≤1.23	≤0.02	14.478	25.4	FBP/FBM
SH-260WWEL...PM	WR34	21.7-33.0	≤1.33	≤1.44	≤0.02	11.176	23.876	FBP/FBM
SH-320WWEL...PM	WR28	26.5-40.0	≤1.33	≤2.05	≤0.02	11.176	23.876	FBP/FBM
SH-400WWEL...	WR22	32.9-50.1	≤1.40	≤4.10	≤0.02	11.176	23.876	FUGP