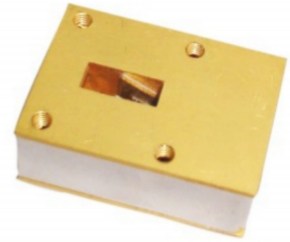


Waveguide Isolator

Waveguide Isolator



ELECTRICAL CHARACTERISTICS:

Part No.	WG Type EIA	Freq Range (GHz)	Working Bandwidth	VSWR	IL(dB)	Isolation (dB)	Flange	Material
SH-14WISO...	WR650	1.13-1.73	≤5%	≤1.2	≤0.3	≥20	FDP	Al
SH-18WISO...	WR510	1.45-2.20	≤5%	≤1.2	≤0.3	≥20	FDP	Al
SH-22WISO...	WR430	1.72-2.61	≤5%	≤1.2	≤0.3	≥20	FDP	Al
SH-26WISO...	WR340	2.17-3.30	≤5%	≤1.2	≤0.3	≥20	FDP	Al
SH-32WISO...	WR284	2.60-3.95	≤5%	≤1.2	≤0.3	≥20	FDP	Al
SH-40WISO...	WR229	3.22-4.90	≤10%	≤1.2	≤0.3	≥20	FDP	Al
SH-48WISO...	WR187	3.94-5.99	≤10%	≤1.2	≤0.3	≥20	FDP	Al
SH-58WISO..	WR159	4.64-7.05	≤10%	≤1.2	≤0.3	≥20	FDP	Al
SH-70WISO...	WR137	5.38-8.17	≤10%	≤1.2	≤0.3	≥20	FDP	Al
SH-84WISO...	WR112	6.57-9.99	≤15%	≤1.2	≤0.3	≥20	FBP	Al
SH-100WISO...	WR90	8.2-12.5	≤15%	≤1.2	≤0.3	≥20	FBP	Al
SH-120WISO...	WR75	9.84-15.0	≤15%	≤1.2	≤0.3	≥20	FBP	Al
SH-140WISO...	WR62	11.9-18.0	≤15%	≤1.2	≤0.3	≥20	FBP	Al
SH-180WISO...	WR51	14.5-22.0	≤15%	≤1.2	≤0.3	≥20	FBP	Al
SH-220WISO...	WR42	17.6-26.7	≤15%	≤1.25	≤0.4	≥20	FBP	Cu
SH-260WISO...	WR34	21.7-33.0	≤15%	≤1.25	≤0.4	≥20	FBP	Cu
SH-320WISO...	WR28	26.5-40.0	≤15%	≤1.25	≤0.4	≥20	FBP	Cu
SH-400WISO...	WR22	32.9-50.1	≤5%	≤1.5	≤0.6	≥17	FUGP	Cu
SH-500WISO..	WR19	39.2-59.6	≤5%	≤1.5	≤0.6	≥15	FUGP	Cu
SH-620WISO...	WR15	49.8-75.8	≤5%	≤1.5	≤0.6	≥15	FUGP	Cu
SH-740WISO...	WR12	60.5-91.9	≤5%	≤1.5	≤0.8	≥15	FUGP	Cu
SH-900WISO...	WR10	73.8-112	≤5%	≤1.5	≤1.0	≥15	FUGP	Cu

Waveguide Isolator



High Power Waveguide Isolator

ELECTRICAL CHARACTERISTICS:

Part No.	WG Type EIA	Freq Range (GHz)	Working Bandwidth	VSWR	Isolation (dB)	Avg Power (W)	Flange	Material
SH-14WHPISO...	WR650	1.13-1.73	≤5%	≤1.2	≥20	≤2500	FDP	Al
SH-18WHPISO...	WR510	1.45-2.20	≤5%	≤1.2	≥20	≤2500	FDP	Al
SH-22WHPISO...	WR430	1.72-2.61	≤5%	≤1.2	≥20	≤2000	FDP	Al
SH-32WHPISO...	WR284	2.60-3.95	≤5%	≤1.2	≥20	≤2000	FDP	Al
SH-40WHPISO...	WR229	3.22-4.90	≤10%	≤1.2	≥20	≤1500	FDP	Al
SH-48WHPISO...	WR187	3.94-5.99	≤10%	≤1.2	≥20	≤1500	FDP	Al
SH-58WHPISO...	WR159	4.64-7.05	≤10%	≤1.2	≥20	≤1500	FDP	Al
SH-70WHPISO...	WR137	5.38-8.17	≤10%	≤1.2	≥20	≤500	FDP	Al
SH-84WHPISO...	WR112	6.57-9.99	≤15%	≤1.25	≥20	≤500	FBP	Al
SH-100WHPISO...	WR90	8.2-12.5	≤15%	≤1.25	≥20	≤300	FBP	Al
SH-120WHPISO...	WR75	9.84-15.0	≤15%	≤1.25	≥20	≤200	FBP	Al
SH-140WHPISO...	WR62	11.9-18.0	≤15%	≤1.25	≥20	≤200	FBP	Al
SH-180WHPISO...	WR51	14.5-22.0	≤15%	≤1.25	≥20	≤100	FBP	Al
SH-220WHPISO...	WR42	17.6-26.7	≤15%	≤1.25	≥20	≤80	FBP	Cu
SH-260WHPISO...	WR34	21.7-33.0	≤15%	≤1.25	≥20	≤80	FBP	Cu
SH-320WHPISO...	WR28	26.5-40.0	≤15%	≤1.25	≥20	≤50	FBP	Cu
SH-400WHPISO...	WR22	32.9-50.1	≤5%	≤1.35	≥17	≤3	FUGP	Cu
SH-500WHPISO...	WR19	39.2-59.6	≤5%	≤1.50	≥15	≤2	FUGP	Cu
SH-520WHPISO...	WR15	49.8-75.8	≤5%	≤1.50	≥15	≤1	FUGP	Cu
SH-740WHPISO...	WR12	60.5-91.9	≤5%	≤1.50	≥15	≤1	FUGP	Cu
SH-900WHPISO...	WR10	73.8-112	≤5%	≤1.50	≥15	≤1	FUGP	Cu

Waveguide Isolator

High Power Waveguide Differential Phase Shift Isolator



ELECTRICAL CHARACTERISTICS:

Part No.	WG Type EIA	Freq Range (GHz)	Working Bandwidth	VSWR	IL(dB)	Isolation (dB)	Avg Power (W)	Flange	Material
SH-14WHPDPSI40KW	WR650	1.13-1.73	≤5%	≤1.2	≤0.3	≥20	40k	FDP	Al
SH-18WHPDPSI30KW	WR510	1.45-2.20	≤5%	≤1.2	≤0.3	≥20	30k	FDP	Al
SH-22WHPDPSI20KW	WR430	1.72-2.61	≤5%	≤1.2	≤0.3	≥20	20k	FDP	Al
SH-26WHPDPSI20KW	WR340	2.17-3.30	≤5%	≤1.2	≤0.3	≥20	20k	FDP	Al
SH-32WHPDPSI10KW	WR284	2.60-3.95	≤5%	≤1.2	≤0.4	≥20	10k	FDP	Al
SH-40WHPDPSI5KW	WR229	3.22-4.90	≤5%	≤1.2	≤0.4	≥20	5k	FDP	Al
SH-48WHPDPSI8KW	WR187	3.94-5.99	≤5%	≤1.2	≤0.4	≥20	8k	FDP	Al
SH-84WHPDPSI1200W	WR112	6.57-9.99	≤7%	≤1.25	≤0.4	≥20	1.2k	FBP	Cu
SH-100WHPDPSI1000W	WR90	8.2-12.5	≤7%	≤1.25	≤0.5	≥20	1k	FBP	Cu
SH-120WHPDPIC1000W	WR75	9.84-15.0	≤7%	≤1.25	≤0.5	≥20	1k	FBP	Cu
SH-140WHPDPSI800W	WR62	11.9-18.0	≤7%	≤1.25	≤0.5	≥20	800	FBP	Cu
SH-180WHPDPSI800W	WR51	14.5-22.0	≤7%	≤1.25	≤0.5	≥20	800	FBP	Cu