



Standard Gain Horn Antenna



WR2300 to WR650

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-2300-10	0.32~0.49	WR2300	10	FDP3	1200 x 1000 x 1600	Al
AESGHA-2300-10-NF	0.32~0.49	WR2300	10	N-F	1200 x 1000 x 2000	Al
AESGHA-2100-10	0.35-0.53	WR2100	10	FDP4	1050 x 750 x 1400	Al
AESGHA-2100-10-NF	0.35-0.53	WR2100	10	N-F	1050 x 750 x 1800	Al
AESGHA-1800-10	0.41-0.62	WR1800	10	FDP5	900 x 650 x 1300	Al
AESGHA-1800-10-NF	0.41-0.62	WR1800	10	N-F	900 x 650 x 1650	Al
AESGHA-1500-10	0.49-0.75	WR1500	10	FDP6	760 x 560 x 1100	Al
AESGHA-1500-10-NF	0.49-0.75	WR1500	10	N-F	760 x 560 x 1400	Al
AESGHA-1150-10	0.64-0.96	WR1150	10	FDP8	600 x 440 x 1150	Al
AESGHA-1150-10-NF	0.64-0.96	WR1150	10	N-F	600 x 440 x 1450	Al
AESGHA-975-10	0.75-1.12	WR975	10	FDP9	506 x 366 x 1000	Al
AESGHA-975-10-NF	0.75-1.12	WR975	10	N-F	506 x 366 x 1230	Al
AESGHA-975-15	0.75-1.12	WR975	15	FDP9	834 x 620 x 620	Al
AESGHA-975-15-NF	0.75-1.12	WR975	15	N-F	834 x 620 x 850	Al
AESGHA-770-10	0.96-1.45	WR770	10	FDP12	364 x 274 x 635	Al
AESGHA-770-10-NF	0.96-1.45	WR770	10	N-F	364 x 274 x 801	Al
AESGHA-770-15	0.96-1.45	WR770	15	FDP12	610 x 460 x 612	Al
AESGHA-770-15-NF	0.96-1.45	WR770	15	N-F	610 x 460 x 780	Al
AESGHA-650-10	1.12-1.70	WR650	10	FDP14	315 x 235 x 545	Al
AESGHA-650-10-NF	1.12-1.70	WR650	10	N-F	315 x 235 x 695	Al
AESGHA-650-15	1.12-1.70	WR650	15	FDP14	567 x 423 x 500	Al
AESGHA-650-15-NF	1.12-1.70	WR650	15	N-F	567 x 423 x 650	Al

1. Specification may change without notice



Standard Gain Horn Antenna

WR510 to WR187

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-510-10	1.45-2.20	WR510	10	FDP18	249 x 184 x 425	Al
AESGHA-510-10-NF	1.45-2.20	WR510	10	N-F	249 x 184 x 545	Al
AESGHA-510-15	1.45-2.20	WR510	15	FDP18	440 x 325 x 400	Al
AESGHA-510-15-NF	1.45-2.20	WR510	15	N-F	440 x 325 x 530	Al
AESGHA-430-10	1.70-2.60	WR430	10	FDP22	209 x 154 x 345	Al
AESGHA-430-10-NF	1.70-2.60	WR430	10	N-F	209 x 154 x 445	Al
AESGHA-430-15	1.70-2.60	WR430	15	FDP22	374 x 278 x 300	Al
AESGHA-430-15-NF	1.70-2.60	WR430	15	N-F	374 x 278 x 400	Al
AESGHA-340-10	2.20-3.30	WR340	10	FDP26	163 x 123 x 270	Al
AESGHA-340-10-NF	2.20-3.30	WR340	10	N-F	163 x 123 x 360	Al
AESGHA-340-15	2.20-3.30	WR340	15	FDP26	309 x 238 x 294	Al
AESGHA-340-15-NF	2.20-3.30	WR340	15	N-F	309 x 238 x 384	Al
AESGHA-284-10	2.60-3.95	WR284	10	FDP32	143 x 103 x 230	Al
AESGHA-284-10-NF	2.60-3.95	WR284	10	N-F	143 x 103 x 302	Al
AESGHA-284-10-SF	2.60-3.95	WR284	10	SMA-F	143 x 103 x 302	Al
AESGHA-284-15	2.60-3.95	WR284	15	FDP32	224 x 169 x 270	Al
AESGHA-284-15-NF	2.60-3.95	WR284	15	N-F	224 x 169 x 342	Al
AESGHA-284-15-SF	2.60-3.95	WR284	15	SMA-F	224 x 169 x 342	Al
AESGHA-284-20	2.60-3.95	WR284	20	FDP32	405 x 325 x 550	Al
AESGHA-284-20-NF	2.60-3.95	WR284	20	N-F	405 x 325 x 657	Al
AESGHA-284-20-SF	2.60-3.95	WR284	20	SMA-F	405 x 325 x 657	Al
AESGHA-229-10	3.30-4.90	WR229	10	FDP40	130 x 88 x 185	Al
AESGHA-229-10-NF	3.30-4.90	WR229	10	N-F	130 x 88 x 250	Al
AESGHA-229-10-SF	3.30-4.90	WR229	10	SMA-F	130 x 88 x 250	Al
AESGHA-229-15	3.30-4.90	WR229	15	FDP40	211 x 148 x 260	Al
AESGHA-229-15-NF	3.30-4.90	WR229	15	N-F	211 x 148 x 325	Al
AESGHA-229-15-SF	3.30-4.90	WR229	15	SMA-F	211 x 148 x 325	Al
AESGHA-229-20	3.30-4.90	WR229	20	FDP40	345 x 264 x 388	Al
AESGHA-229-20-NF	3.30-4.90	WR229	20	N-F	345 x 264 x 518	Al
AESGHA-229-20-SF	3.30-4.90	WR229	20	SMA-F	345 x 264 x 518	Al

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Standard Gain Horn Antenna

WR187 to WR112

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-187-10	3.95-5.85	WR187	10	FDP48	100 x 75 x 150	Al
AESGHA-187-10-NF	3.95-5.85	WR187	10	N-F	100 x 75 x 200	Al
AESGHA-187-10-SF	3.95-5.85	WR187	10	SMA-F	100 x 75 x 200	Al
AESGHA-187-15	3.95-5.85	WR187	15	FDP48	170 x 120 x 210	Al
AESGHA-187-15-NF	3.95-5.85	WR187	15	N-F	170 x 120 x 260	Al
AESGHA-187-15-SF	3.95-5.85	WR187	15	SMA-F	170 x 120 x 260	Al
AESGHA-187-20	3.95-5.85	WR187	20	FDP48	274 x 212 x 350	Al
AESGHA-187-20-NF	3.95-5.85	WR187	20	N-F	274 x 212 x 428	Al
AESGHA-187-20-SF	3.95-5.85	WR187	20	SMA-F	274 x 212 x 428	Al
AESGHA-159-10	4.90-7.05	WR159	10	FDP58	83 x 63 x 125	Al
AESGHA-159-10-NF	4.90-7.05	WR159	10	N-F	83 x 63 x 175	Al
AESGHA-159-10-SF	4.90-7.05	WR159	10	SMA-F	83 x 63 x 175	Al
AESGHA-159-15	4.90-7.05	WR159	15	FDP58	138 x 103 x 150	Al
AESGHA-159-15-NF	4.90-7.05	WR159	15	N-F	138 x 103 x 200	Al
AESGHA-159-15-SF	4.90-7.05	WR159	15	SMA-F	138 x 103 x 200	Al
AESGHA-159-20	4.90-7.05	WR159	20	FDP58	225 x 173 x 265	Al
AESGHA-159-20-NF	4.90-7.05	WR159	20	N-F	225 x 173 x 325	Al
AESGHA-159-20-SF	4.90-7.05	WR159	20	SMA-F	225 x 173 x 325	Al
AESGHA-137-10	5.85-8.20	WR137	10	FDP70	67 x 52 x 110	Al/Cu
AESGHA-137-10-NF	5.85-8.20	WR137	10	N-F	67 x 52 x 158	Al/Cu
AESGHA-137-10-SF	5.85-8.20	WR137	10	SMA-F	67 x 52 x 158	Al/Cu
AESGHA-137-15	5.85-8.20	WR137	15	FDP70	143 x 113 x 170	Al/Cu
AESGHA-137-15-NF	5.85-8.20	WR137	15	N-F	143 x 113 x 218	Al/Cu
AESGHA-137-15-SF	5.85-8.20	WR137	15	SMA-F	143 x 113 x 218	Al/Cu
AESGHA-137-20	5.85-8.20	W137	20	FDP70	197 x 153 x 290	Al/Cu
AESGHA-137-20-NF	5.85-8.20	W137	20	N-F	197 x 153 x 338	Al/Cu
AESGHA-137-20-SF	5.85-8.20	W137	20	SMA-F	197 x 153 x 338	Al/Cu
AESGHA-112-10	7.05-10.0	WR112	10	FBP84	57 x 42 x 90	Al/Cu
AESGHA-112-10-NF	7.05-10.0	WR112	10	N-F	57 x 42 x 130	Al/Cu
AESGHA-112-10-SF	7.05-10.0	WR112	10	SMA-F	57 x 42 x 130	Al/Cu

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Standard Gain Horn Antenna

WR112 to WR75

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-112-15	7.05-10.0	WR112	15	FBP84	102 x 71 x 140	Al/Cu
AESGHA-112-15-NF	7.05-10.0	WR112	15	N-F	102 x 71 x 180	Al/Cu
AESGHA-112-15-SF	7.05-10.0	WR112	15	SMA-F	102 x 71 x 180	Al/Cu
AESGHA-112-20	7.05-10.0	WR112	20	FBP84	172 x 128 x 230	Al/Cu
AESGHA-112-20-NF	7.05-10.0	WR112	20	N-F	172 x 128 x 275	Al/Cu
AESGHA-112-20-SF	7.05-10.0	WR112	20	SMA-F	172 x 128 x 275	Al/Cu
AESGHA-90-10	8.20-12.4	WR90	10	FBP100	47 x 41 x 75	Al/Cu
AESGHA-90-10-NF	8.20-12.4	WR90	10	N-F	47 x 41 x 113	Al/Cu
AESGHA-90-10-SF	8.20-12.4	WR90	10	SMA-F	47 x 41 x 113	Al/Cu
AESGHA-90-15	8.20-12.4	WR90	15	FBP100	84 x 60 x 123	Al/Cu
AESGHA-90-15-NF	8.20-12.4	WR90	15	N-F	84 x 60 x 143	Al/Cu
AESGHA-90-15-SF	8.20-12.4	WR90	15	SMA-F	84 x 60 x 143	Al/Cu
AESGHA-90-20	8.20-12.4	WR90	20	FBP100	138 x 107 x 200	Al/Cu
AESGHA-90-20-NF	8.20-12.4	WR90	20	N-F	138 x 107 x 238	Al/Cu
AESGHA-90-20-SF	8.20-12.4	WR90	20	SMA-F	138 x 107 x 238	Al/Cu
AESGHA-90-25	8.20-12.4	WR90	25	FBP100	310 x 240 x 657	Al/Cu
AESGHA-90-25-NF	8.20-12.4	WR90	25	N-F	310 x 240 x 695	Al/Cu
AESGHA-90-25-SF	8.20-12.4	WR90	25	SMA-F	310 x 240 x 695	Al/Cu
AESGHA-75-10	10.0-15.0	WR75	10	FBP120	43 x 33 x 65	Al/Cu
AESGHA-75-10-NF	10.0-15.0	WR75	10	N-F	43 x 33 x 95	Al/Cu
AESGHA-75-10-SF	10.0-15.0	WR75	10	SMA-F	43 x 33 x 95	Al/Cu
AESGHA-75-15	10.0-15.0	WR75	15	FBP120	68 x 48 x 90	Al/Cu
AESGHA-75-15-NF	10.0-15.0	WR75	15	N-F	68 x 48 x 120	Al/Cu
AESGHA-75-15-SF	10.0-15.0	WR75	15	SMA-F	68 x 48 x 120	Al/Cu
AESGHA-75-20	10.0-15.0	WR75	20	FBP120	108 x 83 x 160	Al/Cu
AESGHA-75-20-NF	10.0-15.0	WR75	20	N-F	108 x 83 x 190	Al/Cu
AESGHA-75-20-SF	10.0-15.0	WR75	20	SMA-F	108 x 83 x 190	Al/Cu
AESGHA-75-25	10.0-15.0	WR75	25	FBP120	185 x 155 x 400	Al/Cu
AESGHA-75-25-NF	10.0-15.0	WR75	25	N-F	185 x 155 x 430	Al/Cu
AESGHA-75-25-SF	10.0-15.0	WR75	25	SMA-F	185 x 155 x 430	Al/Cu

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Standard Gain Horn Antenna

WR62 to WR42

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-62-10	12.4-18.0	WR62	10	FBP140	37 x 27 x 60	Al/Cu
AESGHA-62-10-NF	12.4-18.0	WR62	10	N-F	37 x 27 x 87	Al/Cu
AESGHA-62-10-SF	12.4-18.0	WR62	10	SMA-F	37 x 27 x 87	Al/Cu
AESGHA-62-15	12.4-18.0	WR62	15	FBP140	50 x 35 x 60	Al/Cu
AESGHA-62-15-NF	12.4-18.0	WR62	15	N-F	50 x 35 x 87	Al/Cu
AESGHA-62-15-SF	12.4-18.0	WR62	15	SMA-F	50 x 35 x 87	Al/Cu
AESGHA-62-20	12.4-18.0	WR62	20	FBP140	93 x 72 x 135	Al/Cu
AESGHA-62-20-NF	12.4-18.0	WR62	20	N-F	93 x 72 x 162	Al/Cu
AESGHA-62-20-SF	12.4-18.0	WR62	20	SMA-F	93 x 72 x 162	Al/Cu
AESGHA-62-25	12.4-18.0	WR62	25	FBP140	155 x 128 x 356	Al/Cu
AESGHA-62-25-NF	12.4-18.0	WR62	25	N-F	155 x 128 x 383	Al/Cu
AESGHA-62-25-SF	12.4-18.0	WR62	25	SMA-F	155 x 128 x 383	Al/Cu
AESGHA-51-10	15.0-22.0	WR51	10	FBP180	32 x 22 x 47	Cu
AESGHA-51-10-SF	15.0-22.0	WR51	10	SMA-F	32 x 22 x 74	Cu
AESGHA-51-15	15.0-22.0	WR51	15	FBP180	44 x 34 x 60	Cu
AESGHA-51-15-SF	15.0-22.0	WR51	15	SMA-F	44 x 34 x 87	Cu
AESGHA-51-20	15.0-22.0	WR51	20	FBP180	77 x 60 x 110	Cu
AESGHA-51-20-SF	15.0-22.0	WR51	20	SMA-F	77 x 60 x 137	Cu
AESGHA-51-25	15.0-22.0	WR51	25	FBP180	130 x 100 x 300	Cu
AESGHA-51-25-SF	15.0-22.0	WR51	25	SMA-F	130 x 100 x 327	Cu
AESGHA-42-10	18.0-26.5	WR42	10	FBP220	25 x 18 x 42	Cu
AESGHA-42-10-SF	18.0-26.5	WR42	10	SMA-F	25 x 18 x 69	Cu
AESGHA-42-10-KF	18.0-26.5	WR42	10	2.92K-F	25 x 18 x 69	Cu
AESGHA-42-15	18.0-26.5	WR42	15	FBP220	34 x 24.5 x 48	Cu
AESGHA-42-15-SF	18.0-26.5	WR42	15	SMA-F	34 x 24.5 x 75	Cu
AESGHA-42-15-KF	18.0-26.5	WR42	15	2.92K-F	34 x 24.5 x 75	Cu
AESGHA-42-20	18.0-26.5	WR42	20	FBP220	63.5 x 49.5 x 90	Cu
AESGHA-42-20-SF	18.0-26.5	WR42	20	SMA-F	63.5 x 49.5 x 117	Cu
AESGHA-42-20-KF	18.0-26.5	WR42	20	2.92K-F	63.5 x 49.5 x 117	Cu
AESGHA-42-25	18.0-26.5	WR42	25	FBP220	104 x 85 x 269	Cu
AESGHA-42-25-SF	18.0-26.5	WR42	25	SMA-F	104 x 85 x 296	Cu
AESGHA-42-25-KF	18.0-26.5	WR42	25	2.92K-F	104 x 85 x 296	Cu

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WR34 to WR15

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-34-10	22.0-33.0	WR34	10	FBP260	22 x 17 x 39	Cu
AESGHA-34-10-KF	22.0-33.0	WR34	10	2.92K-F	22 x 17 x 64	Cu
AESGHA-34-15	22.0-33.0	WR34	15	FBP260	31 x 22 x 42	Cu
AESGHA-34-15-KF	22.0-33.0	WR34	15	2.92K-F	31 x 22 x 67	Cu
AESGHA-34-20	22.0-33.0	WR34	20	FBP260	54 x 42 x 90	Cu
AESGHA-34-20-KF	22.0-33.0	WR34	20	2.92K-F	54 x 42 x 120	Cu
AESGHA-34-25	22.0-33.0	WR34	25	FBP260	92 x 72 x 220	Cu
AESGHA-34-25-KF	22.0-33.0	WR34	25	2.92K-F	92 x 72 x 245	Cu
AESGHA-28-10	26.5-40.0	WR28	10	FBP320	17 x 15 x 35	Cu
AESGHA-28-10-KF	26.5-40.0	WR28	10	2.92K-F	17 x 15 x 60	Cu
AESGHA-28-15	26.5-40.0	WR28	15	FBP320	20.2 x 16.6 x 36	Cu
AESGHA-28-15-KF	26.5-40.0	WR28	15	2.92K-F	20.2 x 16.6 x 61	Cu
AESGHA-28-20	26.5-40.0	WR28	20	FBP320	40.5 x 32 x 70	Cu
AESGHA-28-20-KF	26.5-40.0	WR28	20	2.92K-F	40.5 x 32 x 95	Cu
AESGHA-28-25	26.5-40.0	WR28	25	FBP320	71 x 59 x 172	Cu
AESGHA-28-25-KF	26.5-40.0	WR28	25	2.92K-F	71 x 59 x 197	Cu
AESGHA-22-10	33.0-50.0	WR22	10	FUGP400	10.8 x 7.9 x 36	Cu
AESGHA-22-10-2.4F	33.0-50.0	WR22	10	2.4mm-F	10.8 x 7.9 x 66	Cu
AESGHA-22-15	33.0-50.0	WR22	15	FUGP400	20.5 x 14 x 30	Cu
AESGHA-22-15-2.4F	33.0-50.0	WR22	15	2.4mm-F	20.5 x 14 x 60	Cu
AESGHA-22-20	33.0-50.0	WR22	20	FUGP400	35 x 27 x 51.4	Cu
AESGHA-22-20-2.4F	33.0-50.0	WR22	20	2.4mm-F	35 x 27 x 81.4	Cu
AESGHA-22-25	33.0-50.0	WR22	25	FUGP400	59 x 46 x 136	Cu
AESGHA-22-25-2.4F	33.0-50.0	WR22	25	2.4mm-F	59 x 46 x 166	Cu
AESGHA-19-10	40.0-60.0	WR19	10	FUGP500	9 x 6.4 x 40	Cu
AESGHA-19-15	40.0-60.0	WR19	15	FUGP500	17 x 12 x 25	Cu
AESGHA-19-20	40.0-60.0	WR19	20	FUGP500	31.4 x 25.3 x 70	Cu
AESGHA-19-25	40.0-60.0	WR19	25	FUGP500	49 x 41 x 130	Cu
AESGHA-15-10	50.0-75.0	WR15	10	FUGP620	7.5 x 5.3 x 40	Cu
AESGHA-15-15	50.0-75.0	WR15	15	FUGP620	13.5 x 10 x 40	Cu
AESGHA-15-20	50.0-75.0	WR15	20	FUGP620	23 x 18 x 36.4	Cu
AESGHA-15-25	50.0-75.0	WR15	25	FUGP620	38 31 x 91.4	Cu

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WR12 to WR10

P/N	Frequency Range (GHz)	Waveguide	Gain (dB)	Output Type	Size (mm) (W×H×L)	Material
AESGHA-12-10	60.0-90.0	WR12	10	FUGP740	5.9 x 4.5 x 20	Cu
AESGHA-12-15	60.0-90.0	WR12	15	FUGP740	11 x 7.7 x 25	Cu
AESGHA-12-20	60.0-90.0	WR12	20	FUGP740	20 x 16 x 31.4	Cu
AESGHA-12-25	60.0-90.0	WR12	25	FUGP740	32 x 26 x 82	Cu
AESGHA-10-10	75.0-110.0	WR10	10	FUGP900	5.3 x 4.0 x 20	Cu
AESGHA-10-15	75.0-110.0	WR10	15	FUGP900	10.4 x 7.9 x 25	Cu
AESGHA-10-20	75.0-110.0	WR10	20	FUGP900	16 x 13 x 31.4	Cu
AESGHA-10-25	75.0-110.0	WR10	25	FUGP900	28 x 22 x 70	Cu

1. Higher frequency 110GHz (110~400GHz) available
2. Specification may change without notice