

HIGHER POWER AFS AMPLIFIERS

MODEL NUMBER	FREQUENCY		GAIN		NOISE	VSWR	VSWR	OUTPUT POWER	NOM. DC	AFS
	RANGE (GHz)	GAIN (dB Min.)	FLATNESS (dB Max.)	FIGURE (dB Max.)	INPUT (Max.)	OUTPUT (Max.)	@ 1 dB COMP (dBm Min.)	POWER (+15 V mA)	OUTLINE DRAWING	
HIGHER POWER AFS AMPLIFIERS										
AFS1-00010100-30-27P-4	.1-1	25	±1.50	3.0*	2.0:1	2.5:1	25	250	6	
AFS2-00010100-30-25P-6	.1-1	25	±1.50	3.0*	2.0:1	2.5:1	25	250	6	
AFS3-00050100-30-27P-6	.05-1	28	±1.50	3.0*	2.0:1	2.5:1	27	275	6	
AFS4-00050100-25-27P-6	.05-1	36	±1.50	2.5*	2.0:1	2.5:1	27	325	6	
AFS1-00100100-18-23P-4	1-1	13	±1.00	1.8	2.5:1	2.0:1	23	150	4	
AFS1-00100100-35-23P-4	1-1	13	±2.00	3.5	2.5:1	2.5:1	23	200	4	
AFS2-00100100-25-25P-6	1-1	22	±2.00	3.0	2.5:1	2.5:1	25	250	6	
AFS3-00100100-25-27P-6	1-1	33	±2.00	2.5	2.5:1	2.5:1	27	300	6	
AFS4-00100100-20-27P-6	1-1	44	±2.00	2.0	2.5:1	2.5:1	27	350	6	
AFS1-00100200-18-20P-4	1-2	12	±1.75	1.8	2.0:1	2.0:1	20	200	4	
AFS2-00100200-30-23P-6	1-2	22	±1.50	3.0	2.0:1	2.0:1	23	250	6	
AFS3-00100200-25-27P-6	1-2	33	±1.50	2.5	2.0:1	2.5:1	27	300	6	
AFS4-00100200-25-27P-6	1-2	44	±1.75	2.5	2.0:1	2.5:1	27	350	6	
AFS2-00100300-30-20P-4	1-3	20	±1.25	3.0	2.0:1	2.0:1	20	200	4	
AFS3-00100300-25-23P-6	1-3	25	±1.50	2.5	2.0:1	2.5:1	23	250	6	
AFS4-00100300-20-23P-6	1-3	33	±1.75	2.0	2.5:1	2.5:1	23	300	6	
AFS5-00100300-25-25P-6	1-3	36	±1.75	2.5	2.5:1	2.5:1	25	400	6	
AFS2-00100400-35-20P-2	1-4	16	±1.50	3.5	2.2:1	2.2:1	20	200	2	
AFS3-00100400-26-20P-4	1-4	26	±1.50	2.6	2.0:1	2.0:1	20	250	4	
AFS4-00100400-25-20P-4	1-4	32	±1.50	2.5	2.0:1	2.0:1	20	300	4	
AFS5-00100400-25-20P-5	1-4	36	±1.50	2.5	2.0:1	2.0:1	20	350	5	
AFS2-00100600-35-20P-2	1-6	16	±1.50	3.5	2.2:1	2.2:1	20	200	2	
AFS3-00100600-26-20P-4	1-6	26	±1.50	2.6	2.0:1	2.0:1	20	250	4	
AFS4-00100600-25-20P-4	1-6	32	±1.50	2.5	2.0:1	2.0:1	20	300	4	
AFS5-00100600-25-20P-5	1-6	36	±1.50	2.5	2.0:1	2.0:1	20	350	5	
AFS2-00100800-50-20P-2	1-8	14	±1.50	5.0	2.2:1	2.2:1	20	200	2	
AFS3-00100800-30-20P-4	1-8	24	±1.50	3.0	2.0:1	2.0:1	20	250	4	
AFS4-00100800-28-20P-4	1-8	30	±1.50	2.8	2.0:1	2.0:1	20	300	4	
AFS5-00100800-28-20P-5	1-8	35	±1.50	2.8	2.0:1	2.0:1	20	350	5	
AFS2-00101000-55-20P-2	1-10	10	±1.50	5.5	2.2:1	2.2:1	20	200	2	
AFS3-00101000-40-20P-4	1-10	18	±1.50	4.0	2.0:1	2.0:1	20	250	4	
AFS4-00101000-40-20P-4	1-10	24	±1.50	4.0	2.0:1	2.0:1	20	300	4	
AFS5-00101000-40-20P-5	1-10	28	±1.50	4.0	2.0:1	2.0:1	20	350	5	
AFS2-00101200-55-20P-2	1-12	10	±1.50	5.5	2.2:1	2.2:1	20	200	2	
AFS3-00101200-40-20P-4	1-12	18	±1.50	4.0	2.0:1	2.0:1	20	250	4	
AFS4-00101200-40-20P-4	1-12	24	±1.50	4.0	2.0:1	2.0:1	20	300	4	
AFS5-00101200-40-20P-5	1-12	28	±1.50	4.0	2.0:1	2.0:1	20	350	5	
AFS3-00101800-70-20P-6	1-18	16	±2.75	7.0	2.5:1	2.5:1	20	350	6	
AFS4-00101800-65-20P-6	1-18	25	±2.75	6.5	2.5:1	2.5:1	20	350	6	
AFS5-00101800-55-20P-6	1-18	25	±2.75	5.5	2.5:1	2.5:1	20	350	6	
AFS6-00101800-55-20P-6	1-18	34	±2.75	5.5	2.5:1	2.5:1	20	450	6	
AFS3-00102000-80-18P-4	1-20	16	±2.75	8.0	2.5:1	2.5:1	18	350	4	
AFS5-00102000-60-18P-6	1-20	25	±3.00	6.0	2.5:1	2.5:1	18	360	6	
AFS6-00102000-50-18P-8	1-20	34	±3.00	5.0	2.5:1	2.5:1	18	400	8	
AFS1-01000200-16-20P-4	1-2	13	±0.75	1.6	2.0:1	2.0:1	20	200	4	
AFS2-01000200-20-23P-4	1-2	20	±1.50	2.0	2.0:1	2.0:1	20	200	4	
AFS2-01000200-40-20P-2	1-2	25	±1.50	4.0	2.0:1	2.0:1	20	250	2	
AFS3-01000200-20-27P-6	1-2	33	±1.50	2.0	2.0:1	2.0:1	27	350	6	
AFS3-01000200-30-27P-6	1-2	33	±1.50	3.0	2.0:1	2.0:1	27	350	6	
AFS2-02000400-40-23P-6	2-4	18	±1.50	4.0	2.0:1	2.0:1	23	200	6	
AFS3-02000400-30-25P-6	2-4	28	±1.50	3.0	2.0:1	2.0:1	25	250	6	
AFS4-02000400-30-25P-6	2-4	36	±1.50	3.0	2.0:1	2.0:1	25	375	6	

HIGHER POWER AFS AMPLIFIERS

MODEL NUMBER	FREQUENCY RANGE	GAIN	GAIN FLATNESS	NOISE FIGURE	VSWR INPUT	VSWR OUTPUT	OUTPUT POWER	NOM. DC POWER	AFS OUTLINE
	(GHz)	(dB, Min.)	(dB, Max.)	(dB, Max.)	(Max.)	(Max.)	(+1 dB COMP, dBm, Min.)	(+15 V, mA)	DRAWING
HIGHER POWER AFS AMPLIFIERS (CONT.)									
AFS2-04000800-40-20P-2	4-8	14	± 1.00	4.0	2.0:1	2.0:1	20	150	2
AFS3-04000800-40-22P-4	4-8	20	± 1.00	4.0	2.0:1	2.0:1	22	200	4
AFS4-04000800-25-23P-4	4-8	26	± 1.25	2.5	2.0:1	2.0:1	23	275	4
AFS5-04000800-25-23P-5	4-8	34	± 1.25	2.5	2.0:1	2.0:1	23	300	5
AFS3-08001200-40-20P-4	8-12	18	± 1.25	4.0	2.0:1	2.0:1	20	175	4
AFS4-08001200-40-20P-4	8-12	22	± 1.25	4.0	2.0:1	2.0:1	20	200	4
AFS5-08001200-30-20P-5	8-12	28	± 1.25	3.0	2.0:1	2.0:1	20	250	5
AFS42-08001200-30-20P-42	8-12	36	± 1.50	3.0	2.0:1	2.0:1	20	275	42
AFS3-12001800-50-20P-4	12-18	18	± 1.25	5.0	2.0:1	2.0:1	20	175	4
AFS6-12001800-40-20P-6	12-18	26	± 2.00	4.0	2.0:1	2.0:1	20	375	6
AFS8-12001800-40-20P-8	12-18	36	± 1.50	4.0	2.0:1	2.0:1	20	400	8
AFS3-08001800-60-21P-4	8-18	18	± 2.00	6.0	2.0:1	2.0:1	21	350	4
AFS6-08001800-40-21P-6	8-18	26	± 2.50	4.0	2.0:1	2.0:1	21	400	6
AFS8-08001800-40-21P-8	8-18	34	± 2.50	4.0	2.0:1	2.0:1	21	450	8
AFS6-06001800-50-20P-6	6-18	23	± 2.00	5.0	2.0:1	2.0:1	20	355	6
AFS8-06001800-50-20P-8	6-18	35	± 2.50	5.0	2.0:1	2.0:1	20	400	8
AFS2-02001800-80-20P-2	2-18	8	± 2.50	8.0	2.5:1	2.0:1	20	275	2
AFS3-02001800-70-20P-4	2-18	15	± 2.50	7.0	2.5:1	2.0:1	20	300	4
AFS4-02001800-70-20P-6	2-18	23	± 2.50	7.0	2.5:1	2.0:1	20	350	6
AFS6-02001800-70-20P-8	2-18	35	± 2.75	7.0	2.5:1	2.0:1	20	400	8

* Noise figure degrades below 100 MHz. Please consult factory for details.
NOTE: Noise figures increase below 500 MHz in bands wider than .1-10 GHz.