

MEDIUM POWER AMPLIFIERS

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (±dB, Max.)	NOISE TEMP. (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER @ +15 V (mA, Nom.)	OUTLINE DRAWING
COAXIAL MILLIMETER WAVE								
AMF-3F-177220-60-17P	17.7–22	15	1.5	6	17	2:1	150	128066-3
AMF-4F-177220-50-17P	17.7–22	20	1.5	5	17	2:1	200	128066-4
AMF-5F-177220-50-17P	17.7–22	25	1.5	5	17	2:1	250	128061-5
AMF-6F-177220-50-17P	17.7–22	30	1.5	5	17	2:1	300	128061-6
AMF-3F-177220-60-20P	17.7–22	15	1.5	6	20	2:1	200	128066-3
AMF-4F-177220-50-20P	17.7–22	20	1.5	5	20	2:1	250	128066-4
AMF-5F-177220-50-20P	17.7–22	25	1.5	5	20	2:1	300	128061-5
AMF-6F-177220-50-20P	17.7–22	30	1.5	5	20	2:1	350	128061-6
AMF-3F-177220-60-23P	17.7–22	15	1.5	6	23	2:1	250	128066-3
AMF-4F-177220-50-23P	17.7–22	20	1.5	5	23	2:1	300	128066-4
AMF-5F-177220-50-23P	17.7–22	25	1.5	5	23	2:1	350	128061-5
AMF-6F-177220-50-23P	17.7–22	30	1.5	5	23	2:1	400	128061-6
AMF-3F-180265-60-17P	18–26.5	15	2	6	17	2:1/2.5:1	150	128066-3
AMF-4F-180265-50-17P	18–26.5	20	2	5	17	2:1/2.5:1	200	128066-4
AMF-5F-180265-50-17P	18–26.5	25	2	5	17	2:1/2.5:1	250	128061-5
AMF-6F-180265-50-17P	18–26.5	30	2	5	17	2:1/2.5:1	300	128061-6
AMF-3F-180265-60-20P	18–26.5	13	2	6	20	2:1/2.5:1	200	128066-3
AMF-4F-180265-50-20P	18–26.5	18	2	5	20	2:1/2.5:1	250	128066-4
AMF-5F-180265-50-20P	18–26.5	23	2	5	20	2:1/2.5:1	300	128061-5
AMF-6F-180265-50-20P	18–26.5	28	2	5	20	2:1/2.5:1	350	128061-6
AMF-3F-180265-60-22P	18–26.5	13	2	6	22	2:1/2.5:1	250	128066-3
AMF-4F-180265-50-22P	18–26.5	18	2	5	22	2:1/2.5:1	300	128066-4
AMF-5F-180265-50-22P	18–26.5	23	2	5	22	2:1/2.5:1	350	128061-5
AMF-6F-180265-50-22P	18–26.5	28	2	5	22	2:1/2.5:1	400	128061-6
AMF-4F-180265-90-23P*	18–26.5	20	2	9	23	2.5:1	400	139732
AMF-6F-180265-80-23P*	18–26.5	30	2	8	23	2.5:1	500	139732
AMF-4F-180400-90-20P*	18–40	18	3	9	20	3:1	550	139732
AMF-4F-200300-90-20P*	20–30	20	2.5	9	20	2.5:1	350	139732
AMF-6F-200300-90-20P*	20–30	30	2.5	9	20	2.5:1	450	139732
AMF-4F-200300-90-22P*	20–30	20	2.5	9	22	2.5:1	400	139732
AMF-6F-200300-90-22P*	20–30	30	2.5	9	22	2.5:1	500	139732
AMF-4F-200400-90-20P*	20–40	17	3	9	20	3:1	350	139732
AMF-6F-200400-90-20P*	20–40	28	3	9	20	3:1	450	139732
AMF-4F-200400-90-22P*	20–40	17	3	9	22	3:1	350	139732
AMF-6F-200400-90-22P*	20–40	28	3	9	22	3:1	450	139732
AMF-3F-275310-60-15P	27.5–31	15	2	6	15	2.5:1	100	128066-3
AMF-4F-275310-50-15P	27.5–31	20	2	5	15	2.5:1	150	128066-4
AMF-5F-275310-50-15P	27.5–31	25	2	5	15	2.5:1	200	128061-5
AMF-6F-275310-50-15P	27.5–31	30	2	5	15	2.5:1	250	128061-6
AMF-3F-275310-60-17P	27.5–31	15	2	6	17	2.5:1	150	128066-3
AMF-4F-275310-50-17P	27.5–31	20	2	5	17	2.5:1	200	128066-4
AMF-5F-275310-50-17P	27.5–31	25	2	5	17	2.5:1	250	128061-5
AMF-6F-275310-50-17P	27.5–31	30	2	5	17	2.5:1	300	128061-6

* These models will require a -12 VDC @ 50 mA nominal in addition to the +12 VDC.

MEDIUM POWER AMPLIFIERS (CONT.)

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (±dB, Max.)	NOISE FIGURE (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER @ +12 V (mA, Nom.)	OUTLINE DRAWING
COAXIAL MILLIMETER WAVE (CONT.)								
AMF-3F-275310-60-19P	27.5–31	15	2	6	19	2.5:1	200	128066-3
AMF-4F-275310-50-19P	27.5–31	20	2	5	19	2.5:1	250	128066-4
AMF-5F-275310-50-19P	27.5–31	25	2	5	19	2.5:1	300	128061-5
AMF-6F-275310-50-19P	27.5–31	30	2	5	19	2.5:1	350	128061-6
AMF-4F-275310-90-20P*	27.5–31	18	2	9	20	2.5:1	350	139732
AMF-6F-275310-90-20P*	27.5–31	30	2	9	20	2.5:1	450	139732
AMF-4F-275310-90-23P*	27.5–31	18	2	9	23	2.5:1	400	139732
AMF-6F-275310-90-23P*	27.5–31	30	2	9	23	2.5:1	500	139732
AMF-6F-275310-90-25P*	27.5–31	18	2	9	25	2.5:1	750	138002
AMF-8F-275310-90-25P*	27.5–31	30	2	9	25	2.5:1	850	138002
AMF-6F-275310-90-27P*	27.5–31	18	2	9	27	2.5:1	800	138002
AMF-8F-275310-90-27P*	27.5–31	30	2	9	27	2.5:1	900	138002
AMF-6F-275310-90-29P*	27.5–31	18	2	9	29	2.5:1	900	138002
AMF-8F-275310-90-29P*	27.5–31	30	2	9	29	2.5:1	1000	138002
AMF-6F-275310-90-30P*	27.5–31	18	2	9	30	2.5:1	950	138002
AMF-8F-275310-90-30P*	27.5–31	30	2	9	30	2.5:1	1050	138002
AMF-5F-340370-90-20P*	34–37	17	1.5	9	20	2.5:1	350	139732
AMF-7F-340370-90-20P*	34–37	28	1.5	9	20	2.5:1	450	139732
AMF-5F-340370-90-23P*	34–37	17	1.5	9	23	2.5:1	400	139732
AMF-7F-340370-90-23P*	34–37	28	1.5	9	23	2.5:1	500	139732
AMF-5F-370400-90-20P*	37–40	17	1.5	9	20	2.5:1	350	139732
AMF-7F-370400-90-20P*	37–40	28	1.5	9	20	2.5:1	450	139732
AMF-5F-370400-90-23P*	37–40	17	1.5	9	23	2.5:1	400	139732
AMF-7F-370400-90-23P*	37–40	28	1.5	9	23	2.5:1	500	139732
AMF-8F-370410-90-25P*	37–41	20	2.5	9	25	2.5:1	1300	138002
AMF-10F-370410-90-25P*	37–41	30	2.5	9	25	2.5:1	1400	138002
AMF-8F-370410-90-27P*	37–41	20	2.5	9	27	2.5:1	1400	138002
AMF-10F-370410-90-27P*	37–41	30	2.5	9	27	2.5:1	1500	138002
AMF-8F-370410-90-29P*	37–41	20	2.5	9	29	2.5:1	1600	138002
AMF-10F-370410-90-29P*	37–41	30	2.5	9	29	2.5:1	1700	138002
AMF-8F-370410-90-30P*	37–41	20	2.5	9	30	2.5:1	1650	138002
AMF-10F-370410-90-30P*	37–41	30	2.5	9	30	2.5:1	1750	138002
AMF-10F-370410-120-32P*	37–41	30	3	12	32	3:1	3200	140072
AMF-10F-400420-90-24P*	40–42	25	3	9	24	3:1	1500	138002
AMF-10F-400420-90-27P*	40–42	25	3	9	27	3:1	1700	138002

* These models will require a -12 VDC @ 50 mA nominal in addition to the +12 VDC.

MEDIUM POWER AMPLIFIERS (CONT.)

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (±dB, Max.)	NOISE FIGURE (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER @ +12 V (mA, Nom.)	OUTLINE DRAWING
MULTIOCTAVE BAND								
AMF-2D-10M-2G-30-23P	0.01-2	19	2	3*	23	2:1	500	118406-2
AMF-3D-10M-3G-40-16P	0.01-3	30	1.5	4*	16	2:1	300	114293-3
AMF-4D-10M-3G-25-20P	0.01-3	45	2	2.5*	20	2:1	500	118406-4
AMF-2D-10M-4G-32-22P	0.01-4	18	2.5	3.2*	22	2.2:1	500	118406-2
AMF-2D-001020-16-15P	0.1-2	24	1	1.6	15	2:1	135	114293-2
AMF-3D-001020-14-15P	0.1-2	37	1	1.4	15	2:1	180	114293-3
AMF-2D-001020-18-18P	0.1-2	24	1	1.8	18	2:1	145	114293-2
AMF-3D-001020-14-18P	0.1-2	37	1	1.4	18	2:1	190	114293-3
AMF-1D-001020-70-23P-1	0.1-2	10	1	7	23	2:1/2.3:1	240	114293-1
AMF-2D-001020-47-23P-1	0.1-2	22	1	4.7	23	2:1/2.3:1	260	114293-2
AMF-3D-001020-24-23P-1	0.1-2	35	1	2.4	23	2:1/2.3:1	375	114293-3
AMF-2D-001020-48-25P-1	0.1-2	20	1	4.8	25	2:1/2.3:1	300	118406-2
AMF-3D-001020-24-25P-1	0.1-2	32	1	2.4	25	2:1/2.3:1	380	118406-3
AMF-4D-001020-17-25P-1	0.1-2	42	1	1.7	25	2:1/2.3:1	450	118406-4
AMF-3D-001020-60-27P-1	0.1-2	25	2	6	27	2:1/2.3:1	475	118406-3
AMF-2D-001040-48-24P-1	0.1-4	18	1.5	4.8	24	2:1/2.3:1	300	118406-2
AMF-3D-001040-28-24P-1	0.1-4	29	1.5	2.8	24	2:1/2.3:1	380	118406-3
AMF-4D-001040-21-24P-1	0.1-4	40	1.5	2.1	24	2:1/2.3:1	450	118406-4
AMF-2D-001060-50-23P	0.1-6	18	1.5	5	23	2.3:1	340	118406-2
AMF-3D-001060-37-23P	0.1-6	28	1.5	3.7	23	2.3:1	385	118406-3
AMF-4D-001060-27-23P	0.1-6	38	1.5	2.7	23	2.3:1	430	118406-4
AMF-2D-001080-70-23P	0.1-8	17	1.5	7	23	2.3:1	380	118406-2
AMF-3D-001080-40-23P	0.1-8	28	1.5	4	23	2.3:1	440	118406-3
AMF-4D-001080-50-23P	0.1-8	38	1.5	5	23	2.3:1	440	118406-4
AMF-2D-001100-55-21P-1	0.1-10	16	1.5	5.5	21	2:1/2.3:1	240	114293-2
AMF-3D-001100-40-21P-1	0.1-10	27	1.5	4	21	2:1/2.3:1	285	114293-3
AMF-4D-001100-32-21P-1	0.1-10	37	1.5	3.2	21	2:1/2.3:1	330	114293-4
AMF-3D-001120-47-20P	0.1-12	20	1.5	4.7	20	2:1/2.3:1	250	121622
AMF-4D-001120-42-20P	0.1-12	28	1.5	4.2	20	2:1/2.3:1	290	121623-4
AMF-5D-001120-30-20P	0.1-12	34	1.5	3	20	2:1/2.3:1	330	121623-5
AMF-3D-001180-70-20P	0.1-18	14	2	7	20	2.3:1/2.5:1	295	121622
AMF-4D-001180-60-20P	0.1-18	21	2	6	20	2.3:1/2.5:1	340	121623-4
AMF-5D-001180-45-20P	0.1-18	29	2	4.5	20	2.3:1/2.5:1	375	121623-5
AMF-6D-001180-35-20P	0.1-18	37	2	3.5	20	2.3:1/2.5:1	410	121623-6
AMF-4D-001200-70-18P	0.1-20	20	2.25	7	18	2.3:1/2.5:1	340	121623-4
AMF-4D-001200-50-20P	0.1-20	18	2.25	5	20	2.3:1/2.3:1	375	121623-4
AMF-5D-001200-55-18P	0.1-20	28	2.25	5.5	18	2.3:1/2.5:1	375	121623-5
AMF-6D-001200-40-18P	0.1-20	36	2.25	4	18	2.3:1/2.5:1	410	121623-6
AMF-1D-005020-35-21P-1	0.5-2	9	1	3.5	21	2:1/2.3:1	150	114293-1
AMF-2D-005020-22-21P-1	0.5-2	23	1	2.2	21	2:1/2.3:1	195	114293-2
AMF-1D-005020-60-23P-1	0.5-2	10	1	6	23	2:1/2.3:1	240	114293-1
AMF-2D-005020-45-23P-1	0.5-2	22	1	4.5	23	2:1/2.3:1	330	114293-2
AMF-3D-005020-22-23P-1	0.5-2	34	1	2.2	23	2:1/2.3:1	375	114293-3
AMF-1D-005020-70-30P-1	0.5-2	8	1	7	30	2:1/2.3:1	400	114293-1
AMF-2D-005020-60-30P-1	0.5-2	18	1	6	30	2:1/2.3:1	650	118406-2
AMF-3D-005020-45-30P-1	0.5-2	29	1	4.5	30	2:1/2.3:1	800	118406-3
AMF-4D-005020-35-30P-1	0.5-2	41	1	3	30	2:1/2.3:1	900	118406-4
AMF-3D-005020-50-31P	0.5-2	36	1.5	5	31	2.2:1	900	118406-3
AMF-4D-005020-25-33P	0.5-2	40	2	2.5	33	2:1/2.3:1	1400	125420

* Noise figures unspecified below 0.1 GHz.

MEDIUM POWER AMPLIFIERS (CONT.)

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (±dB, Max.)	NOISE FIGURE (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER @ +15 V (mA, Nom.)	OUTLINE DRAWING
MULTIOCTAVE BAND (CONT.)								
AMF-1D-005080-85-26P-1	0.5–8	7	1	8.5	26	2:1/2.3:1	300	114293-1
AMF-2D-005080-53-26P-1	0.5–8	15	1.5	5.3	26	2:1/2.3:1	560	118406-2
AMF-3D-005080-57-26P-1	0.5–8	25	1.5	5.7	26	2:1/2.3:1	660	118406-3
AMF-4D-005080-47-26P-1	0.5–8	36	1.5	4.7	26	2:1/2.3:1	720	118406-4
AMF-4D-005180-50-21P	0.5–18	24	2	5	21	2:1/2.3:1	375	121623-4
AMF-4D-008030-15-24P	0.8–3	40	0.75	1.5	24	2:1	500	118406-4
AMF-5D-010020-15-33P	1–2	50	1.5	1.5	33	2:1	1500	125420
AMF-1D-010040-80-30P-1	1–4	8	1.5	8	30	2:1/2.3:1	400	114293-1
AMF-2D-010040-60-30P-1	1–4	18	1.5	6	30	2:1/2.3:1	650	118406-2
AMF-3D-010040-45-30P-1	1–4	28	1.5	4.5	30	2:1/2.3:1	800	118406-3
AMF-4D-010040-35-30P-1	1–4	39	1.5	3.5	30	2:1/2.3:1	900	118406-4
AMF-3D-010180-80-20P	1–18	14	2	8	20	2.3:1	295	121622
AMF-4D-010180-50-20P	1–18	22	2	5	20	2:1/2.3:1	340	121623-4
AMF-5D-010180-40-20P	1–18	30	1.5	4	20	2:1/2.3:1	375	121623-5
AMF-5D-010180-50-22P	1–18	30	2	5	22	2.2:1	700	128871
AMF-2D-020060-34-25P-1	2–6	18	1.5	3.4	25	2:1	400	114293-2
AMF-2B-020060-70-30P	2–6	13	1.5	7	30	2:1	720	100
AMF-3B-020060-80-33P	2–6	11	2	8	33	2:1	1800	101
AMF-4B-020060-70-33P	2–6	20	2	7	33	2:1	2100	102
AMF-5B-020060-70-33P	2–6	34	2	7	33	2:1	2200	103
AMF-6B-020060-80-33P	2–6	40	2.5	8	33	2:1	3200	104
AMF-2D-020080-51-21P-1	2–8	19	1.5	5.1	21	2:1/2.3:1	240	114293-2
AMF-3D-020080-36-21P-1	2–8	30	1.5	3.6	21	2:1/2.3:1	283	114293-3
AMF-4D-020080-27-21P-1	2–8	41	1.5	2.7	21	2:1/2.3:1	330	114293-4
AMF-2D-020080-70-27P	2–8	16	1.5	7	27	2:1/2.3:1	500	118406-2
AMF-3D-020080-50-27P	2–8	26	1.5	5	27	2:1/2.3:1	650	118406-3
AMF-4D-020080-40-27P	2–8	37	1.5	4	27	2:1/2.3:1	750	118406-4
AMF-2D-020120-60-20P	2–12	14	1.5	6	20	2:1/2.3:1	205	121622
AMF-3D-020120-43-20P	2–12	22	1.5	4.3	20	2:1/2.3:1	265	121622
AMF-4D-020120-33-20P	2–12	31	1.5	3.3	20	2:1/2.3:1	300	121623-4
AMF-5D-020120-40-25P	2–12	32	1.5	4	25	2:1	700	128871
AMF-2B-020080-70-27P	2–8	15	1.5	7	27	2:1	560	100
AMF-3B-020080-55-27P	2–8	25	1.5	5.5	27	2:1	660	101
AMF-4B-020080-45-27P	2–8	36	1.5	4.5	27	2:1	720	102
AMF-5B-020080-55-30P	2–8	32	2	5.5	30	2:1	1300	103
AMF-6B-020080-80-33P	2–8	40	3	8	33	2:1	3200	116348-1
AMF-3D-020180-53-18P	2–18	18	2	5.3	18	2:1/2.3:1	245	121622
AMF-4D-020180-38-18P	2–18	26	1.5	3.8	18	2:1/2.3:1	280	121623-4
AMF-3D-020180-60-20P	2–18	15	2	6	20	2.3:1/2.5:1	275	121622
AMF-4D-020180-55-20P	2–18	23	1.5	5.5	20	2:1/2.3:1	340	121623-4
AMF-5D-020180-40-20P	2–18	30	1.5	4	20	2:1/2.3:1	375	121623-5
AMF-6D-020180-29-20P	2–18	38	1.5	2.9	20	2:1/2.3:1	445	121623-6
AMF-5D-020180-50-22P	2–18	30	2	5	22	2.2:1	700	128871
AMF-2B-080180-80-27P	8–18	7	1.5	8	27	2:1	800	117469-1
AMF-3B-080180-80-27P	8–18	11	1.5	8	27	2:1	1000	117469-2
AMF-4B-080180-80-27P	8–18	17	1.5	8	27	2:1	1150	117469-3
AMF-5B-080180-80-27P	8–18	20	2	8	27	2:1	1200	117469-4
AMF-6B-080180-70-27P	8–18	25	2	7	27	2:1	1300	117469-5
AMF-7B-080180-60-27P	8–18	30	2	6	27	2:1	1400	117469-6
AMF-8B-080180-80-28P	8–18	30	2	8	28	2:1	2300	115800-8
AMF-9B-080180-70-29P	8–18	30	2.5	7	29	2/2.3:1	3000	119683

MEDIUM POWER AMPLIFIERS (CONT.)

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (\pm dB, Max.)	NOISE FIGURE (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER @ +15 V (mA, Nom.)	OUTLINE DRAWING
MULTIOCTAVE BAND (CONT.)								
AMF-3D-020265-80-19P	2–26.5	20	3	8	19	2.3:1	\pm 15 V	137141
AMF-3D-200300-90-20P	20–30	12	2	9	20	2.5:1	\pm 15 V	125294
AMF-5D-200400-90-17P	20–40	24	3	9	17	2.5:1	\pm 15 V	125294
OCTAVE BAND								
AMF-1B-005010-60-30P	0.5–1	12	1	6	30	2:1	500	143477-1
AMF-2B-005010-45-33P	0.5–1	25	1.5	4.5	33	2:1	1300	143477-2
AMF-3B-005010-13-33P	0.5–1	43	1.5	1.3	33	2:1	1700	143477-3
AMF-4B-005010-13-33P	0.5–1	55	1.5	1.3	33	2:1	1800	143477-4
AMF-1B-010020-60-30P	1–2	11	1	6	30	2:1	500	143477-1
AMF-2B-010020-70-33P	1–2	13	1	7	33	2:1	1300	143477-2
AMF-3B-010020-45-33P	1–2	23	1	4.5	33	2:1	1600	143477-3
AMF-4B-010020-20-33P	1–2	33	1	2	33	2:1	1700	143477-4
AMF-1B-020040-55-30P	2–4	10	1	5.5	30	1.5:1	500	143477-1
AMF-2B-020040-40-30P	2–4	20	1	4	30	2:1	750	143477-2
AMF-3B-020040-20-30P	2–4	35	1	2	30	2:1	950	143477-3
AMF-4B-020040-20-33P	2–4	40	1.5	2	33	2:1	1600	143477-4
AMF-1B-040080-80-28P	4–8	6	1.5	8	28	2:1	450	100
AMF-2B-040080-70-27P	4–8	16	1	7	27	2:1	600	100
AMF-3B-040080-70-30P	4–8	19	1.5	7	30	2:1	1100	101
AMF-4B-040080-70-30P	4–8	25	1.5	7	30	2:1	1200	102
AMF-5B-040080-60-30P	4–8	33	1.5	6	30	2:1	1400	103
AMF-5B-040080-70-33P	4–8	33	2	7	33	2:1	2200	116348-1
AMF-6B-040080-60-33P	4–8	40	1	6	33	2:1	2400	116348-1
AMF-1B-080120-100-27P	8–12	4	2	10	27	2:1	450	100
AMF-2B-080120-80-27P	8–12	9	1.5	8	27	2:1	680	100
AMF-3B-080120-100-29P	8–12	12	1.5	10	29	2:1	1300	101
AMF-4B-080120-90-29P	8–12	20	1.5	9	29	2:1	1300	102
AMF-5B-080120-80-30P	8–12	24	1.5	8	30	2:1	1650	116348-1
AMF-6B-080120-70-30P	8–12	30	7	30	30	2:1	1800	116348-1
AMF-6B-080120-50-33P	8–12	33	1.5	5	33	2:1	2000	116348-1
AMF-8B-060180-60-31P	6–18	31	2	6	31	2:1	2000	127465
AMF-8B-080180-00-31P	8–18	31	2	6	31	2:1	2000	127465
AMF-8B-120180-60-29P	12–18	32	2.5	6	29	2:1	2400	115800-8
AMF-2B-120180-80-27P	12–18	7	1.5	8	27	2:1	800	117469-3
AMF-3B-120180-70-27P	12–18	11	1.5	7	27	2:1	1000	117469-3
AMF-4B-120180-70-27P	12–18	17	1.5	7	27	2:1	1150	117469-4
AMF-5B-120180-60-28P	12–18	18	2	6	28	2:1	1600	117469-5
AMF-6B-120180-50-28P	12–18	24	2	5	28	2:1	1700	117469-6
AMF-8B-120180-60-31P	12–18	33	2	6	31	2:1	2000	127465
AMF-1B-005010-40-25P	0.5–1	12	1	4	25	2:1	250	143477-1
AMF-2B-005010-12-25P	0.5–1	28	1	1.2	25	2:1	300	143477-2
AMF-3B-005010-12-25P	0.5–1	42	1	1.2	25	2:1	360	143477-3
AMF-4B-005010-10-25P	0.5–1	56	1	1	25	2:1	400	143477-4
AMF-1B-010020-40-25P	1–2	10	1	4	25	2:1	250	143477-1
AMF-2B-010020-13-25P	1–2	30	1	1.3	25	2:1	300	143477-2
AMF-3B-010020-10-25P	1–2	42	1	1	25	2:1	360	143477-3
AMF-4B-010020-10-25P	1–2	54	1	1	25	2:1	400	143477-4

MEDIUM POWER AMPLIFIERS (CONT.)

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (\pm dB, Max.)	NOISE FIGURE (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER @ +15 V (mA, Nom.)	OUTLINE DRAWING
OCTAVE BAND (CONT.)								
AMF-1B-020040-40-25P	2-4	11	1	4	25	2:1	250	143477-1
AMF-2B-020040-30-25P	2-4	22	1	3	25	2:1	330	143477-2
AMF-3B-020040-15-25P	2-4	35	1	1.5	25	2:1	400	143477-3
AMF-4B-020040-13-25P	2-4	47	1	1.3	25	2:1	440	143477-4
AMF-1B-040080-60-25P	4-8	7	1	6	25	2:1	250	118987-1
AMF-2B-040080-45-25P	4-8	14	1	4.5	25	2:1	380	118406-2
AMF-3B-040080-25-25P	4-8	25	1	2.5	25	2:1	450	118406-3
AMF-4B-040080-15-25P	4-8	36	1	1.5	25	2:1	490	118406-4
AMF-5B-040080-15-25P	4-8	47	1	1.5	25	2:1	540	118987-5
AMF-6B-040080-15-25P	4-8	59	1	1.5	25	2:1	580	118987-6
AMF-1B-080120-80-25P	8-12	5	1.5	8	25	2:1	250	118987-1
AMF-2B-080120-45-24P	8-12	16	1	4.5	24	2:1	330	118406-2
AMF-3B-080120-55-25P	8-12	20	1	5.5	25	2:1	450	118406-3
AMF-4B-080120-30-25P	8-12	30	1	3	25	2:1	520	118406-4
AMF-5B-080120-30-25P	8-12	40	1.5	3	25	2:1	450	118987-5
AMF-6B-080120-30-25P	8-12	50	1	3	25	2:1	490	118987-6
AMF-1B-120180-100-25P	12-18	4	1.5	10	25	2:1	250	117469-1
AMF-2B-120180-90-25P	12-18	9	1	9	25	2:1	500	117469-1
AMF-3B-120180-50-25P	12-18	15	1	5	25	2:1	580	117469-2
AMF-4B-120180-45-25P	12-18	21	1.5	4.5	25	2:1	650	117469-3
AMF-5B-120180-45-25P	12-18	27	1.5	4.5	25	2:1	700	117469-4
AMF-6B-120180-45-25P	12-18	33	1.5	4.5	25	2:1	740	117469-5

ADDITIONAL POWER AMPLIFIERS

MODEL NUMBER	OPERATING FREQUENCY (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (\pm dB, Max.)	NOISE FIGURE (dB, Max.)	OUTPUT POWER (dBm, Min.)	VSWR IN/OUT (Max.)	DC POWER AT +15 V (mA, Nom.)	OUTLINE DRAWING
AMF-2F-005010-13-27P	0.5-1	30	1	1.3	27	2:1	425	118987-2
AMF-3F-007017-25-26P	0.7-1.7	30	1	2.5	26	2:1	380	118987-3
AMF-2F-010020-13-25P	1-2	28	1	1.3	25	2:1	280	118987-2
AMF-2F-012025-15-27P	1.2-2.5	22	1.5	1.5	27	2:1	325	118987-2
AMF-3B-012014-34P	1.2-1.4	30	1	6	34	2/1.5:1	2000	117558-4
AMF-6B-025027-30-40P	2.5-2.7	40	1	3	40	1.5:1	5000	127402
AMF-6B-027029-40-37P	2.7-2.9	40	1	4	37	1.5:1	4000	127402
AMF-5B-044050-33P	4.4-5	30	1	5	33	2/1.5:1	1500	117558-5
AMF-5B-054059-37P	5.4-5.9	35	1	5	37	2/1.5:1	3500	118214
AMF-4B-059064-33P	5.9-6.4	30	1	5	33	2/1.5:1	1500	116879-1
AMF-6B-079084-33P	7.9-8.4	35	1	5	33	2/1.5:1	1500	115420-1
AMF-5B-097102-33P	9.7-10.2	30	1	6	33	2/1.5:1	1600	115420-1
AMF-9B-140145-37P-WG	14-14.5	50	1	7	37	1.5:1	7000	118209
AMF-7B-140160-30P	14-16	30	1.5	8	30	2:1	2300	115420-1
AMF-7B-180215-23P	18-21.5	30	1.5	8	23	2:1	900	117469-6

For waveguide option above 12 GHz, please contact the AMF Department.