

AMF CATALOG AMPLIFIERS

PLEASE NOTE:

The amplifiers listed within this section represent only a sample of the design capability of the AMF amplifier division. For variations to those listed within or custom design requirements, please contact the AMF engineering staff for technical assistance.

LOW-NOISE 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 @ +15 V (mA, Nom.)	OUTLINE DRAWING
MODERATE BAND LOW-NOISE AMPLIFIERS								
AMF-1F-007008-06-10P	0.7 - 0.8	16	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-007008-04-10P	0.7 - 0.8	30	1.00	0.35	+10	1.50 :1	150	122686
AMF-3F-007008-04-13P	0.7 - 0.8	45	0.50	0.35	+13	1.50 :1	200	121622
AMF-4F-007008-04-13P	0.7 - 0.8	60	0.50	0.35	+13	1.50 :1	250	121623-4
AMF-1F-008010-06-10P	0.8 - 1	16	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-008010-04-10P	0.8 - 1	30	1.00	0.35	+10	1.50 :1	150	122686
AMF-3F-008010-04-13P	0.8 - 1	43	0.50	0.35	+13	1.50 :1	200	121622
AMF-4F-008010-04-13P	0.8 - 1	58	0.50	0.35	+13	1.50 :1	250	121623-4
AMF-1F-009015-06-10P	0.95 - 1.45	16	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-009015-04-10P	0.95 - 1.45	30	1.00	0.35	+10	2.00 :1	150	122686
AMF-3F-009015-04-13P	0.95 - 1.45	43	0.50	0.35	+13	2.00 :1	200	121622
AMF-4F-009015-04-13P	0.95 - 1.45	55	0.50	0.35	+13	2.00 :1	250	121623-4
AMF-1F-009018-06-10P	0.95 - 1.75	14	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-009018-05-10P	0.95 - 1.75	30	1.00	0.50	+10	1.70 :1	150	122686
AMF-3F-009018-05-13P	0.95 - 1.75	42	1.00	0.50	+13	1.70 :1	200	121622
AMF-4F-009018-05-13P	0.95 - 1.75	54	1.00	0.50	+13	1.70 :1	250	121623-4
AMF-1F-011018-06-10P	1.1 - 1.8	14	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-011018-05-10P	1.1 - 1.8	28	1.00	0.50	+10	1.70 :1	150	122686
AMF-3F-011018-05-13P	1.1 - 1.8	39	1.00	0.50	+13	1.70 :1	200	121622
AMF-4F-011018-05-13P	1.1 - 1.8	50	1.00	0.50	+13	1.70 :1	250	121623-4
AMF-1F-012016-06-10P	1.2 - 1.6	16	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-012016-04-10P	1.2 - 1.6	30	1.00	0.35	+10	1.50 :1	150	122686
AMF-3F-012016-04-13P	1.2 - 1.6	43	0.50	0.35	+13	1.50 :1	200	121622
AMF-4F-012016-04-13P	1.2 - 1.6	55	0.50	0.35	+13	1.50 :1	250	121623-4
AMF-1F-015018-06-10P	1.5 - 1.8	15	1.00	0.60	+10	2.00 :1	100	122686
AMF-2F-015018-04-10P	1.5 - 1.8	30	0.50	0.35	+10	1.50 :1	150	122686
AMF-3F-015018-04-13P	1.5 - 1.8	43	0.50	0.35	+13	1.50 :1	200	121622
AMF-4F-015018-04-13P	1.5 - 1.8	55	0.50	0.35	+13	1.50 :1	250	121623-4
AMF-1F-015025-07-10P	1.5 - 2.5	13	1.50	0.70	+10	2.00 :1	100	122686
AMF-2F-015025-06-10P	1.5 - 2.5	25	1.00	0.60	+10	2.00 :1	150	122686
AMF-3F-015025-06-10P	1.5 - 2.5	35	1.00	0.60	+10	2.00 :1	200	121622
AMF-4F-015025-06-10P	1.5 - 2.5	42	1.00	0.60	+10	2.00 :1	250	121623-4