

MACOM DOCSIS 3.1 Amplifiers

Amplifiers Upstream

Part Number	Min Freq (MHz)	Max Freq (MHz)	Gain (dB)	P1dB (dBm)	Bias Current/Voltage	Package or Carrier
MAAM-011184	5	300	21	21.7	95mA/5V	MSOP8-EP
MAAM-011185	5	300	21	27	280mA/5V	3mm 16-Lead PQFN
MAAM-011156	5	300	19	28	210mA/8V	3mm 16-Lead PQFN
MAAM-011186	5	300	39	27	280mA/8V	7mm 48-Lead PQFN
MAAM-011186	5	300	39	23	190mA/5V	7mm 48-Lead PQFN

Amplifiers Downstream

Part Number	Min Freq (MHz)	Max Freq (MHz)	Gain (dB)	P1dB (dBm)	Bias Current/Voltage	Package or Carrier
MAAM-011182	45	1218	18	24	130mA/8V	2mm 8-Lead PDFN
MAAMSS0041	50	1200	14.8	23	100mA/8V	SOT-89
MAAMSS0042	50	1200	15	21	110mA/5V	SOT-89
MAAMSS0060	50	1200	17	21	120mA/8V	SOT-89
MAAM-011169	45	1200	25	31	530mA/12V	5x7mm 40-Lead PQFN
MAAM-011177	45	1200	26	24.5	265mA/24V	TSSOP-16LD-EP
MAAM-010355	45	1200	23.5	30.5	440mA/24V	TSSOP-16LD-EP
MAAM-011191	45	1200	26	30.5	440mA/24V	TSSOP-16LD-EP
MAAM-010399	50	1225	28	28	900mA/6V	5x7mm 40-Lead PQFN