

MILLIMETER-WAVE BROADBAND LOW NOISE AMPLIFIERS



Specifications

Model Number	Frequency Range (GHz)	Noise Figure (dB)	Gain (dB)	Gain Flatness (\pm dB)	Current (mA) typ.at 12V
QLW-01504521	1-50	5 (typ)	21	2.5 (typ)	250
QLW-01504533	1-50	5 (typ)	33	2.5 (typ)	350
QLW-14273516	14-27	3.5	16	2	150
QLW-14273528	14-27	3.5	28	2.1	200
QLW-14273540	14-27	3.5	40	2.2	250
QLW-15262820	15-26	2.8	20	2.75	100
QLW-15262840	15-26	2.8	40	3	180
QLW-15262855	15-26	2.8	55	3.25	300
QLW-18262520	18-26.5	2.5	20	2.5	100
QLW-18262530	18-26.5	2.5	30	2.5	170
QLW-18262540	18-26.5	2.5	40	2.5	230
QLW-10333510	10-33	3.5	10	2	100
QLW-10333522	10-33	3.5	22	2.1	150
QLW-10333535	10-33	3.5	35	2.2	200
QLW-18404510	18-40	4.5 (typ)	10	2	100
QLW-18404520	18-40	4.5 (typ)	20	2.1	150
QLW-18404530	18-40	4.5 (typ)	30	2.2	200
QLW-18404540	18-40	4.5 (typ)	40	2.3	260
QLW-24403328	24-40	3.3	28	3.5	180
QLW-24403336	24-40	3.3	36	3.5	250
QLW-36464815	36-46	4.8	15	2.25	100
QLW-36464826	36-46	4.8	26	2.5	180
QLW-36464835	36-46	4.8	35	2.5	250
QLW-33505510	33-50	5.5 (typ)	10	2.5 (typ)	100
QLW-33505520	33-50	5.5 (typ)	20	2.6	150
QLW-33505530	33-50	5.5 (typ)	30	2.7	200
QLW-33505540	33-50	5.5 (typ)	40	2.8	260
QLW-48605016	48-60	5 (typ)	16	3	200
QLW-48605025	48-60	5 (typ)	25	3.25	300
QLW-48605035	48-60	5 (typ)	35	3.5	400
QLW-50754515	50-75	5 (typ)	15	3	100
QLW-50754530	50-75	5 (typ)	30	3.5	200
QLW-71865512	71-86	5.5 (typ)	12	2 (typ)	70
QLW-71865530	71-86	5.5 (typ)	30	2 (typ)	200
QLW-75B04016	75-110	5 (typ)	18	2.5 (typ)	80
QLW-75B04030	75-110	5 (typ)	30	5 (typ)	120