

DOWN CONVERTERS

Features

Converters guaranteed from -25C to +70C. Optional Temp ranges available.

All units include LDO Internal regulation which allows operation from +9 to +15vdc.

Maximum input level without damage is +16dbm CW

Durable SMA female connectors in/out. (Male connectors available upon request)

Dc blocking provided In/out.

Reverse Bias protected.

Part Number	Frequency Range (GHz)	IF (MHz)	Gain (dB)	Gain Flatness +/- (dB)	Noise Figure (dB)	Image Reject (Typical)	P1dB Compression (dBm) min.	IP3 (dBm) Typ.	VSWR (In)	VSWR (Out)	+12 Vdc
QDC-3742XXX-IR	3.7 - 4.2 Rf Input	70 - 350	32	1.5	2.3 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-4450XXX-IR	4.4 - 5.0 RF Input	70 - 350	32	1.5	2.3 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-5359XXX-IR	5.3 - 5.9 RF Input	70 - 350	32	1.5	2.3 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-5964XXX-IR	5.9 - 6.4 RF Input	70 - 350	32	1.5	2.3 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-6071XXX-IR	6.0 - 7.1 RF Input	70 - 350	32	1.5	2.3 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-6472XXX-IR	6.4 - 7.2 RF Input	70 - 350	32	1.5	2.3 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-7179XXX-IR	7.1 - 7.9 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-7185XXX-IR	7.1 - 8.5 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-7785XXX-IR	7.7 - 8.5 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-9510XXX-IR	9.5 - 10.5 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-1011XXX-IR	10.7 - 11.7 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-1213XXX-IR	12.7 - 13.2 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250

QDC-1415XXX-IR	14.0 - 14.5 RF Input	70 - 350	32	1.5	2.5 Typ	-18dB min.	10	20	2.0:1	2.0:1	250
QDC-3000	2.55 - 3.30 RF Input	1435 - 2185	18 - 22	1	4.5dB	-45dB min.	10	20	1.5:1	1.5:1	500
QDC-3001	4.40 - 5.15 RF Input	950 - 1450	38 - 42	1	2.2dB	-45dB min.	10	20	1.5:1	1.5:1	550
QDC-3002	10.95 - 11.7 RF Input	950 - 1700	40 - 45	1	3.0dB	-45dB min.	10	20	1.5:1	1.5:1	650
QDC-3003	11.7 - 12.2 RF Input	950 - 1450	30 - 36	1	3.0dB	-45dB min.	10	20	1.8:1	1.5:1	500
QDC-3004	12.25 - 12.75 RF Input	950 - 1450	30 - 36	1	3.0dB	-45dB min.	10	20	1.8:1	1.5:1	500
QDC-3005	14.40-14.83 RF Input	1050 - 1480	25 - 30	1	4.0dB	-45dB min.	5	18	1.8:1	1.5:1	550
QDC-3006	15.15 - 15.35 RF Input	1800 - 2000	25 - 30	1	4.0dB	-45dB min.	5	18	1.8:1	1.5:1	550
QDC-3007	19.7 - 20.2 RF Input	950 - 1450	25 - 30	1	4.5dB	-45dB min.	5	18	1.8:1	1.5:1	550
QDC-3008	20.2 - 21.2 RF Input	950 - 1450	25 - 30	1	5.0dB	-45dB min.	5	18	1.8:1	1.5:1	550
QDC-3009	26.5 - 29.0 RF Input	950 - 1450	25 - 30	1	4.5dB	-45dB min.	5	18	1.8:1	1.5:1	550
QDC-4000	11.7-12.2 B1 12.25-12.75 B2 (RF Input)	950 - 1450	35 - 40	1.5	3.5dB	-45dB min.	10	20	1.5:1	1.5:1	500
QDC-4001	19.7 - 20.2 B1 20.2 - 21.2 B2 (Rf Input)	950 - 1950	25 - 30	1.7	5.0dB	-45dB min.	5	18	1.8:1	1.8:1	500
QDC-4002	4.40 - 5.50 RF Input	36MHz	35 - 40	1	5.0dB	-38dB Min,	30	38	1.8:1	1.8:1	1275