

New COTs Filters

Lumped Element Filters

APPLICATIONS ►



Anti-Aliasing



Electronic Warfare



Communications

Part Number	Frequency (MHz)	Center Frequency (MHz)	Insertion Loss Passband (dB) ¹	Insertion Loss Center Freq (dB) ¹	Return Loss (dB) ²	Rejection @ Lower Frequency (dBc) ²	Rejection @ Upper Frequency (dBc) ²	Connector Type
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Bandpass

QLB001-CSMA	1000 – 2000	1500	1.7	0.8	12	45 @ 875 MHz	45 @ 2300 MHz	SMA(F)
QLB002-CSMA	900 – 1400	1150	1.7	0.85	12	45 @ 800 MHz	45 @ 1560 MHz	SMA(F)
QLB003-CSMA	2000 – 8000	5000	1.7	0.8	12	45 @ 1780 MHz	45 @ 10000 MHz	SMA(F)

Lowpass

QLL004-CSMA	10 – 6300	3205	1.7	0.6	12	—	45 @ 7100 MHz	SMA(F)
QLL005-CSMA	10 – 4200	2105	1.6	0.4	12	—	45 @ 4640 MHz	SMA(F)
QLL006-CSMA	10 – 2100	1055	1.8	0.5	12	—	45 @ 2280 MHz	SMA(F)

Highpass

QLH007-CSMA	2000 – 10000	6000	1.6	0.5	12	45 @ 1780 MHz	—	SMA(F)
QLH008-CSMA	1000 – 4000	2500	2.0	0.5	12	45 @ 890 MHz	—	SMA(F)
QLH009-CSMA	500 – 2000	1250	1.7	0.5	12	45 @ 445 MHz	—	SMA(F)

Combine Filters

APPLICATIONS ►



SATCOM Satellite Link RX



Electronic Warfare



Communications

Part Number	Frequency (MHz)	Center Freq (MHz)	Insertion Loss Passband (dB) ¹	Insertion Loss Center Freq (dB) ³	Return Loss (dB) ²	Lower Rejection Stop Band (dBc) ²	Lower Rejection Stop Band (dBc) ²	Upper Rejection Stop Band (dBc) ²	Upper Rejection Stop Band (dBc) ²	Power (W) ¹	Connector Type
QCB010-CSMA	10112 – 10462	10287	2.2	1.5	14	1000 – 9800 MHz 55	9800 – 9950 MHz 20	10625 – 10770 MHz 20	10770 – 18000 MHz 55	2	SMA(F)
QCB011-CSMA	14400 – 14930	14665	2.2	1.5	14	1000 – 14000 MHz 55	14000 – 14200 MHz 20	15150 – 15300 MHz 25	15300 – 18000 MHz 55	2	SMA(F)

¹ Maximum ² Minimum ³ Typical

Coming Soon!

SMT Filters • True Time Delay Units • Switches