

## RF ANTENNA



Part Nr.	Dimension	Central frequency	Bandwidth (Typical)	Peak Gain (Typical)	VSWR	Polarization	Azimuth Beamwidth
RFANT6050110L0T	5.9 x 5.1 x 1.1mm	2.45/4.95/5.25/5.85GHz	400/1000 MHz	1.5 dBi/4dBi	2 max.	Linear	Omni-directional
RFANT6050110L1T	5.9 x 5.1 x 1.1mm						
RPANT3216090A0T	3.2 x 1.6 x 0.9mm	2.450 GHz	350MHz	0 ~ 2 dBi			
RPANT5220110A0T	5.2 x 2.0 x 1.1mm	150MHz	0 ~ 2 dBi				
RFANT7635110A1T	7.6 x 3.5 x 1.1mm	380 MHz	1 ~ 2 dBi				



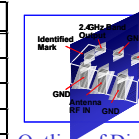
## MULTILAYER CERAMIC FILTER

Part Nr.	Dimension	Frequency range (MHz)	Insertion Loss (dB)	Key Attenuation (Min.)
RFBPF3225150A4	3.2 x 2.5 x 1.5mm <sup>3</sup>	2450 ?50 MHz	-2.0dB	-20dB @ 2100MHz
RFBPF2520120A1	2.5 x 2.0 x 1.2mm <sup>3</sup>		-1.7dB	-20dB @ 2100MHz
RFBPF2520120A2	2.5 x 2.0 x 1.2mm <sup>3</sup>		-2.1dB	-30dB @ 4800MHz
RFBPF2520120A3	2.5 x 2.0 x 1.2mm <sup>3</sup>		-1.2dB	-30dB @ 900/1800MHz
RFBPF2520120A4	2.5 x 2.0 x 1.2mm <sup>3</sup>		-1.7dB	-25dB @ 4800MHz
RFBPF2012090A1T	2.0 x 1.2 x 0.9mm <sup>3</sup>		-1.7dB	-30dB @ 900/4800MHz -20dB @ 1850MHz
RFLPF2012110A0T	2.0 x 1.2 x 1.1mm <sup>3</sup>	5400 ?500 MHz	-0.7dB	-30dB @ 2 x (fo±W/2)
RFBPF2012100K0T	2.0 x 1.2 x 1.0mm <sup>3</sup>		-1.5dB	-20dB @ 11GHz
RFBFB2520120A1T	2.5 x 1.0 x 1.2mm <sup>3</sup>	2450 ?50 MHz	-2.0dB	-25dB @ 900/1900MHz -35dB @ 4800MHz -20dB @ 7200MHz
RFBFB2520120A2T	2.5 x 1.0 x 1.2mm <sup>3</sup>		-2.2dB	-25dB @ 900/1900MHz -30dB @ 4800MHz -15dB @ 7200MHz



## CERAMIC DIPLEXER

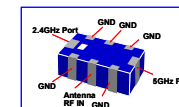
RFDIP2012100L0T	Band_1	Band_2
Central Frequency	2450 ?500MHz	5400 ?500MHz
Impedance	50Ω	50Ω
Insertion Loss	0.7dB	0.9dB
Return Loss	Min 10dB	
Attenuation	-25dB@5.2GHz -25dB@5.8GHz	-25dB@2.45GHz



Outline of Diplexer<sup>0</sup>L0



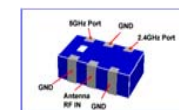
RFDIP2012100L1T	Band_1	Band_2
Central Frequency	2450 ?500MHz	5400 ?500MHz
Impedance	50Ω	50Ω
Insertion Loss	0.6dB	0.9dB
Return Loss	Min 10dB	
Attenuation	-20dB@4.9GHz -20dB@5.2GHz -20dB@5.8GHz	-20dB@2.45GHz



Outline of Diplexer<sup>1</sup>L1



RFDIP2012100L2T	Band_1	Band_2
Central Frequency	2450 ?500MHz	5400 ?500MHz
Impedance	50Ω	50Ω
Insertion Loss	0.7dB	0.9dB
Return Loss	Min 10dB	
Attenuation	-20dB@4.9GHz -25dB@5.2GHz -25dB@5.8GHz	-25dB@2.45GHz



Outline of Diplexer<sup>2</sup>L2



## MULTILAYER CERAMIC BALUN

Part Nr.	Dimension	Frequency Range	Impedance		Insertion Loss
			Unbal.	Bal.	
RFBLN2012090A0T	2.0 x 1.2 x 0.9mm <sup>3</sup>	2450 ?50 MHz	50Ω	50Ω	-1.2dB
RFBLN2012090A1T				100Ω	-1.0dB
RFBLN2012090A2T				200Ω	-1.0dB
RFBLN2012090K0T		5400 ?500 MHz		50Ω	-1.2dB
RFBLN2012090K1T				100Ω	-1.2dB



Product information and sample kit available upon customer request.

# Product Lineup of Walsin's Total Solution for WLAN 802.11 a/b/g

