

SF1575L

GPS- & Galileo Filter unbalanced / unbalanced

This product is lead-free in compliance with RoHs 2002/95/EC.

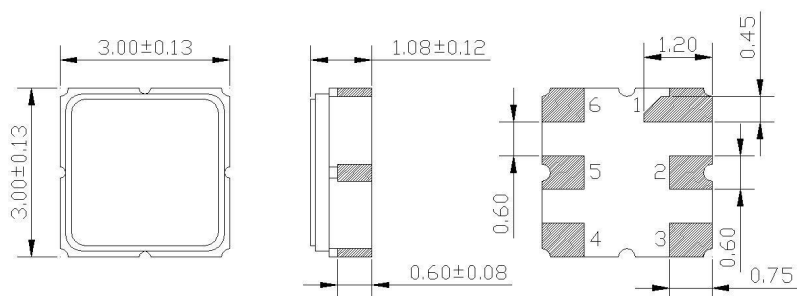
Test Conditions:

RF power	0 dBm
Temperature	23 °C
DC Voltage	0 V
Terminating source impedance (Z_S)	50 Ω
Terminating load impedance (Z_L)	50 Ω

	minimum	typical	maximum	unit
Centre frequency, GPS & Galileo		1575.42		MHz
Pass Band, GPS	1574.22		1576.62	MHz
Pass Band, Galileo	1573.22		1577.62	MHz
Insertion Loss in Pass Band 1574.22 MHz - 1576.62 MHz		1.0	1.5	dB
Ripple in Pass Band 1574.22 MHz - 1576.62 MHz		0.2	0.5	dB
VSWR in Pass Band 1574.22 MHz - 1576.62 MHz		1.2	1.5	
Rejection				
DC MHz – 1450 MHz	37	40		dB
1450 MHz – 1515 MHz	44	50		dB
1625 MHz – 2000 MHz	45	48		dB
2000 MHz – 2300 MHz	40	50		dB
2300 MHz – 3000 MHz	35	40		dB
RF Power			22	dBm
Operating temperature range	-40		+85	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31.0		ppm/K

Electrostatic Sensitive Device

Package: S25 / 3.0*3.0mm²

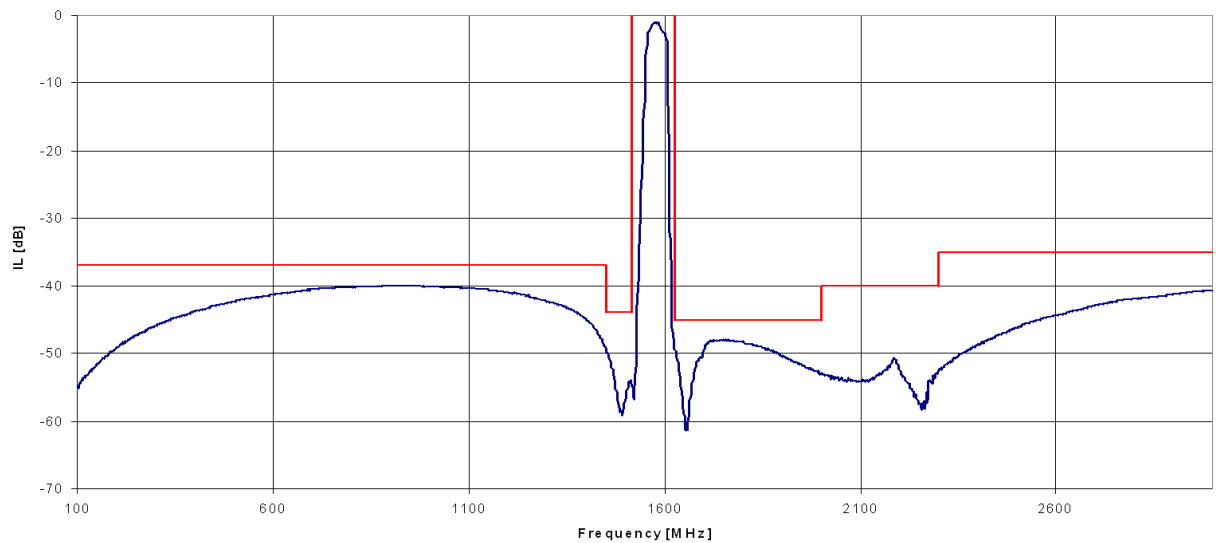
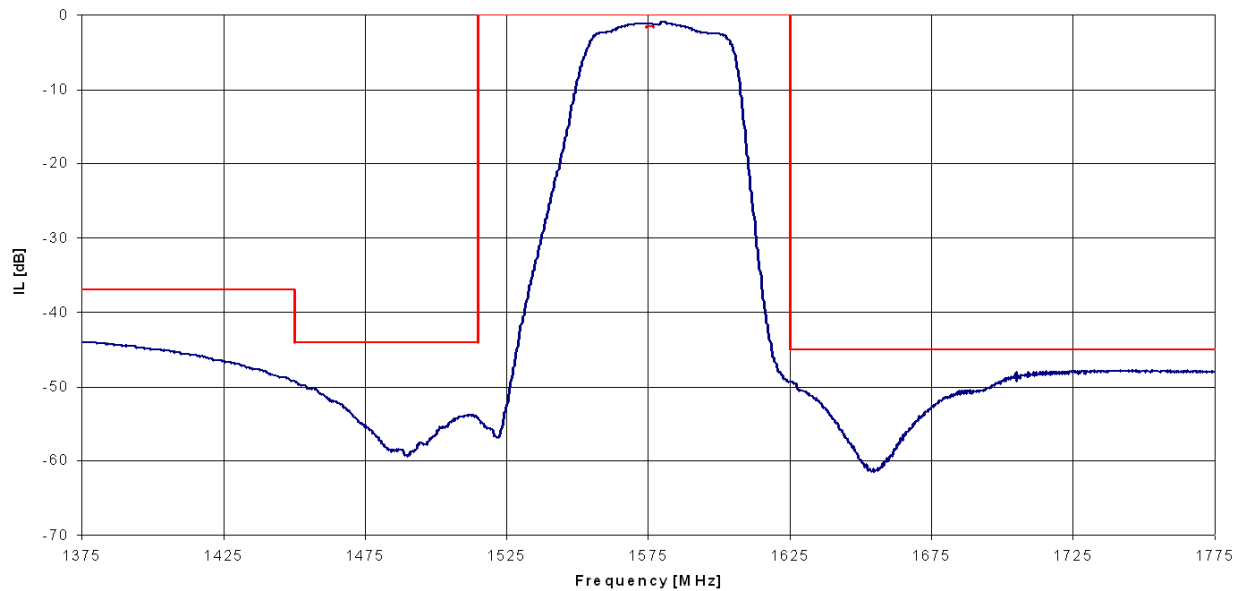


All dimensions in mm

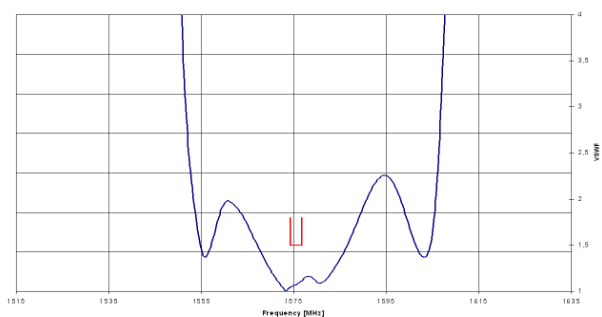
Pin 2 Input
 Pin 5 Output

Pin 1, 4 Case Ground
 Pin 3, 6 To be grounded

Typical performance:



VSWR input



VSWR output

