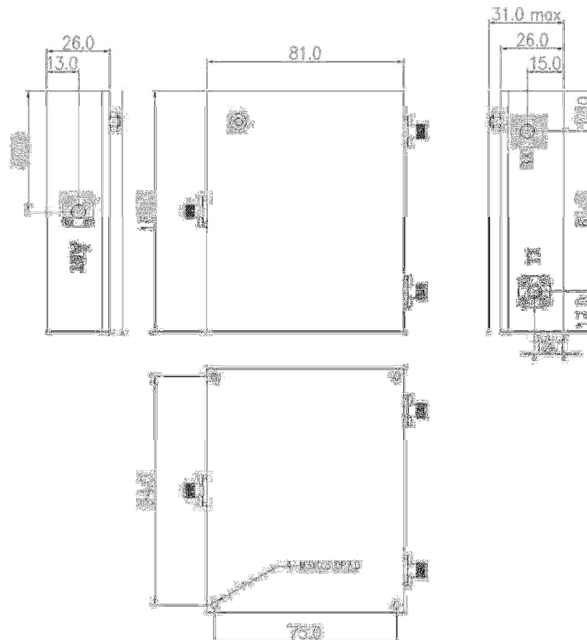




Electrical Specifications

No.	Parameter	Unit	Specification	
			Low (RX)	High (TX)
1	Center Frequency	MHz	1950	2140
2	Passband	MHz	1920~1980 MHz	2110~2170MHz
3	Insertion Loss	dB	2.0 max	1.0 max
4	Return Loss in BW	dB	20 dB min	20 dB min
5	Isolation	dB	100dB min(TX/RX)	
6	Attenuation	dB	65dB @9~1552MHz	75dB @9~1920MHz
			45dB @1552~1612MHz	40dB @1980~2060MHz
			70dB @1614~1674MHz	65dB @2300~2398MHz
			40dB @2016~2110MHz	65dB @2458~2476MHz
			65dB @2170~2700MHz	70dB @2476~2536MHz
			40db @2700~12750MHz	65dB @2536~2700MHz
			40dB @2700~12750MHz	
7	Input Power	Watt	Average 20 W over Tx band Peak 200W over Tx band	
8	IN/OUT Impedance	Ω	50	
9	Operating Temp. Range	$^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ ~ +75 $^{\circ}\text{C}$	
10	Connectors	-	SMA(F)	
11	Dimensions	mm	100 x 81 x 26 mm (excluding connectors & tuning screws)	
12	RoHS	-	Yes	

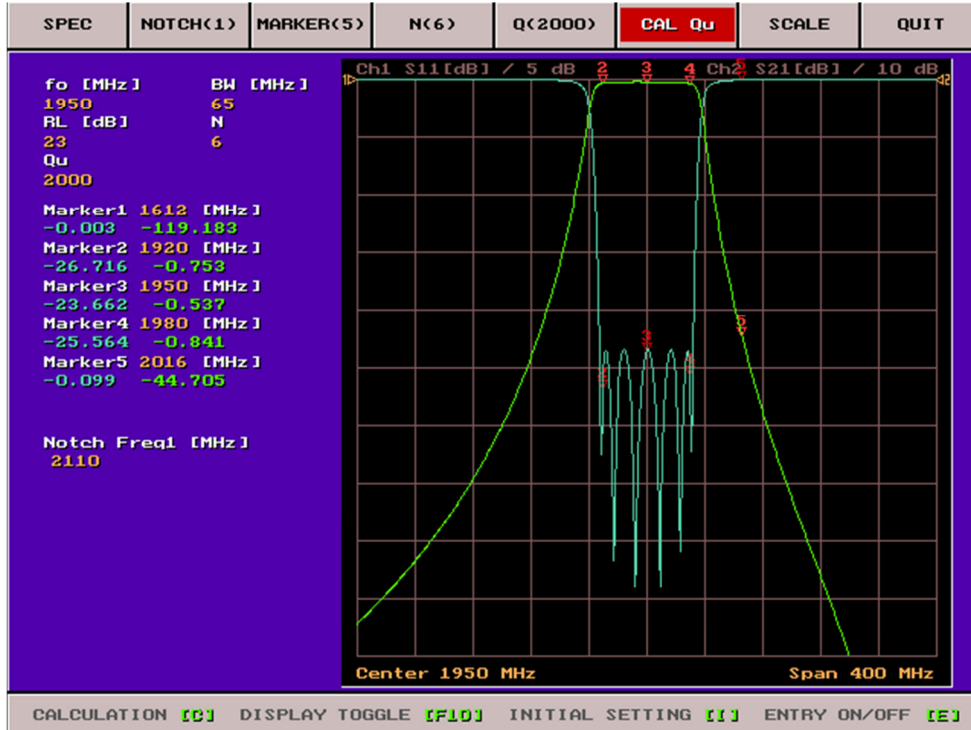
Dimensions (unit: mm)





Simulations

Rx



Tx

