

Features

- ADTPX2100/4670/5550-A composed of Cavity Triplexer
- Low Insertion Loss
- Very compact size and low weight



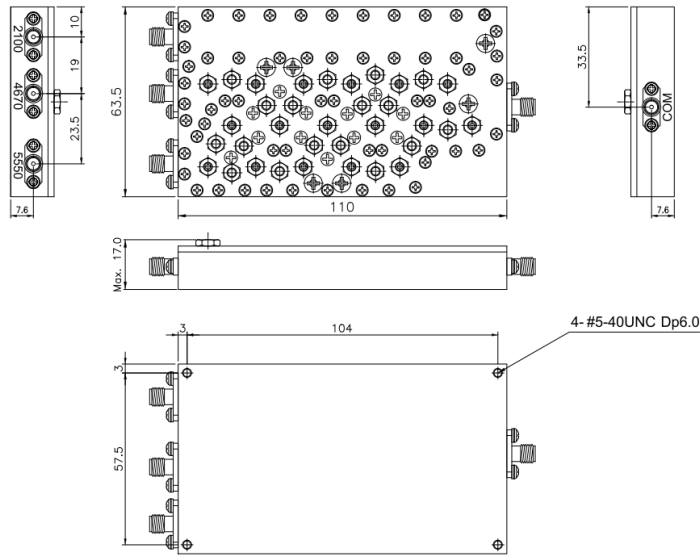
Applications

- Military Radar applications
- Electronics warfare

Specifications

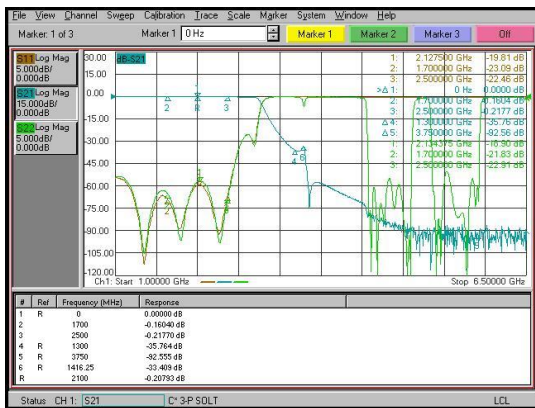
Parameter	Band 2100	Band 4670	Band 5550	Remark
Frequency Range [MHz]	1,700 ~ 2,500	4,400 ~ 4,940	5,250 ~ 5,850	
Center Frequency [MHz]	2,100	4,670	5,550	
Bandwidth [MHz]	600	540	600	
Insertion Loss	0.5 dB Max.	1.0 dB Max.	1.0 dB Max.	
Pass Band Ripple	0.3 dB Max.	0.5 dB Max.	0.5 dB Max.	
Return Loss	15.0 dB Min.	15.0 dB Min.	15.0 dB Min.	
Rejection	30.0 dBc Min. @ 3,400 ~ 5,850	70.0 dB Min. @ 4,090 MHz	70.0 dB Min. @ 4,940 MHz	
	-	70.0 dB Min. @ 5,250 MHz	70.0 dB Min. @ 6,160 MHz	
Power Handling	40 W Max.			
Impedance	50 Ω			
Operating Temp.	-40 °C ~ + 85 °C			
Storage Temperature	-54 °C ~ +85 °C			
Connector	SMA Female			
Dimensions (WxDxH)	63.5 * 110.0 * 17.0 mm			Exclude Connectors
Weight	300 g Max.			

Outline Drawing



Units : mm, Tolerance : +/- 0.2 mm

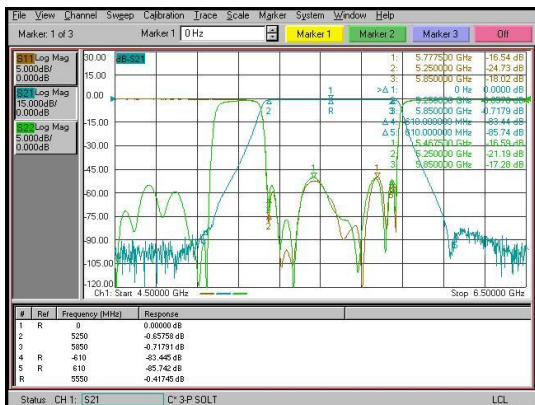
Typical Response



Band 2100



Band 4670



Band 5550