

TRIPLEXER FILTER

MTPX-500.7000.S1

500-1000MHz(Band1)

1800-2500MHz(Band2)

5000-7000MHz(Band3)



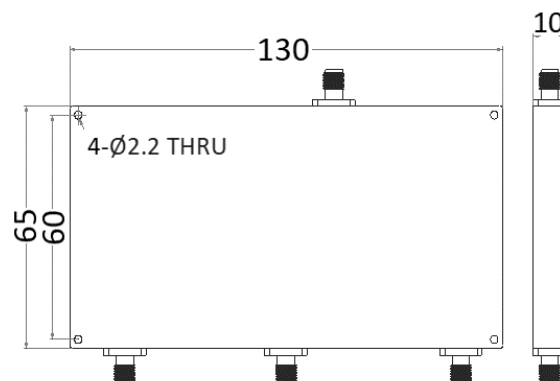
MVE's Triplexer filters with high isolation exist three different bands. It splits one input in to three different outputs each with a different frequency. It can also be used the other way round and where it routes signals at three different frequencies to one port.

SPECIFICATIONS:

RF CHARACTERISTICS			
	Band1	Band2	Band3
Passband Frequency	500-1000MHz	1800-2500MHz	5000-7000MHz
Insertion Loss Max.	1.0dB	1.2dB	1.2dB
VSWR Max.	1.35:1	1.35:1	1.35:1
Rejection Min.	≥70dB(1600-9000MHz)	≥70dB(4000-9000MHz)	≥70dB(9000-18000MHz)
Power Handling Max.	20Watts MAX.		
Impedance	50 Ohms		
MECHANICAL CHARACTERISTICS			
Connector	SMA Female		
Application Environment	50 Ohms		
Surface Finish	Black Painting		
Dimensions	130mm x 65mm x 10mm (Not including the tuning screws and connectors)		
ENVIRONMENTAL CHARACTERISTICS			
Operating Temperature	+25±5°C (Room Temperature)		
Application Environment	Indoor		

Tolerance: X= ±0.3

Outline Drawing (Unit: mm)

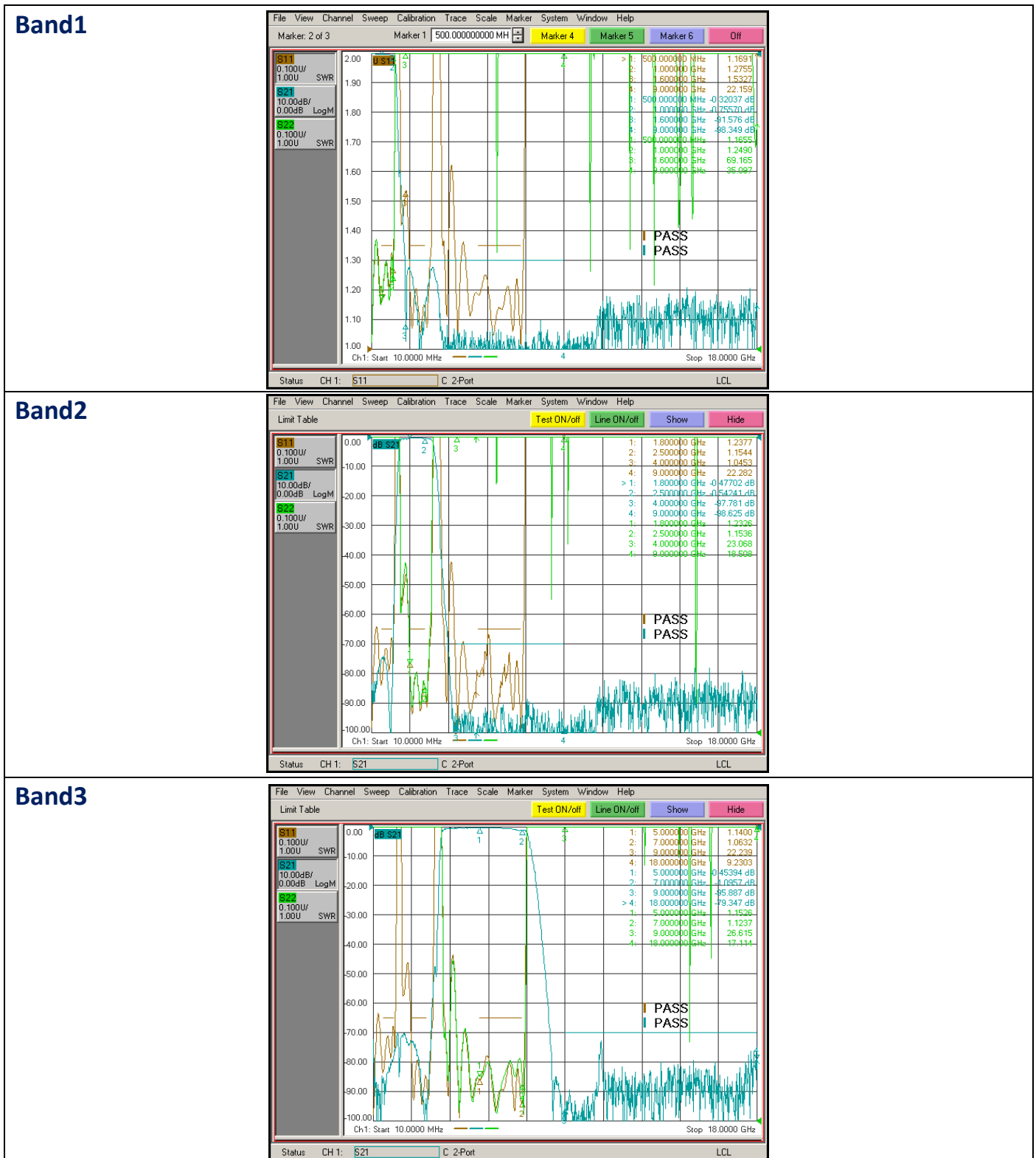


NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



Typical Test Result



NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

