

PRODUCT SPECIFICATION FOR INFORMATION

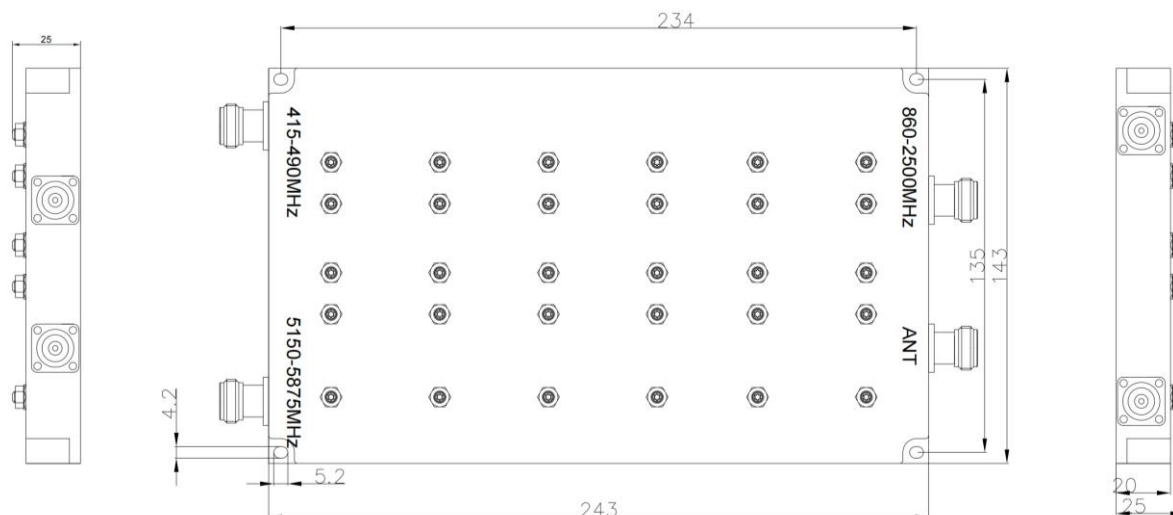
PRELIMINARY SPECIFICATION

Product Name : Triplexer

Part No : MMP-3COM_415-5875MN-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.03.06	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing

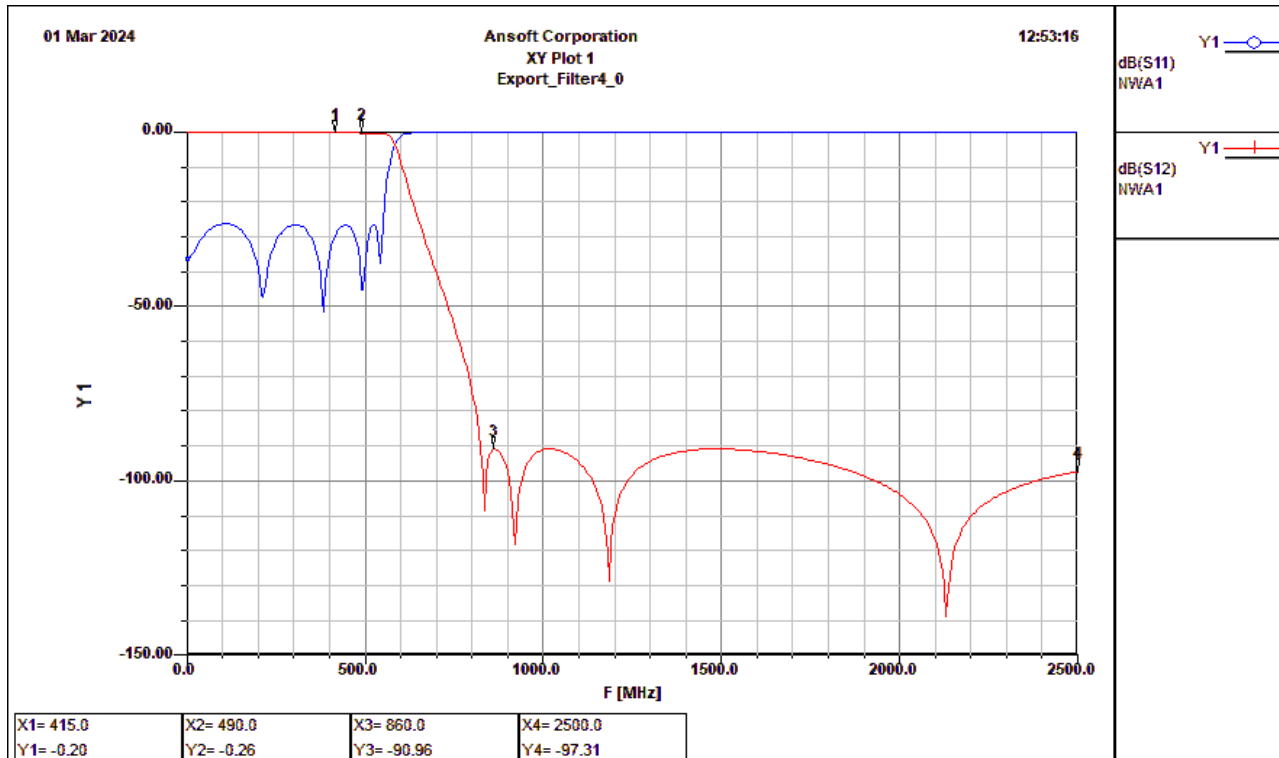


■ Electrical Specification

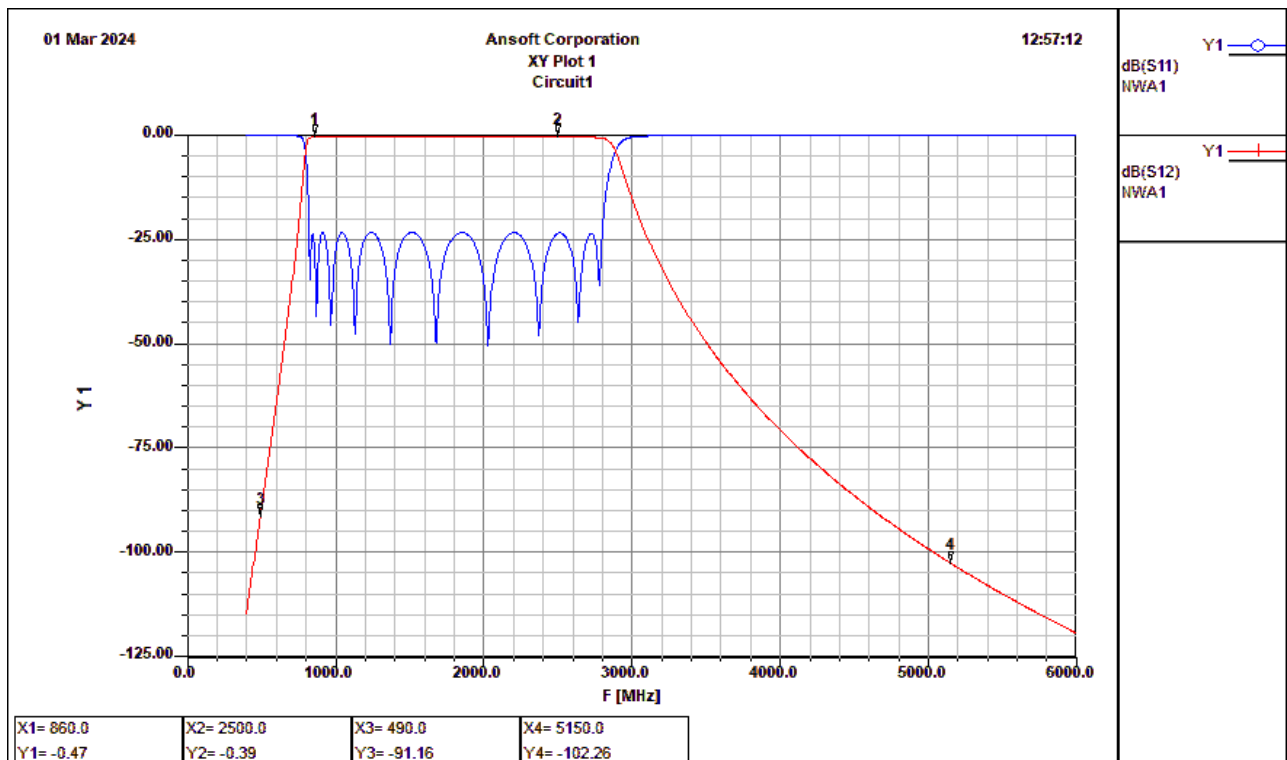
Parameter		Specification	Remark
1. Pass Band Frequency	P1	415MHz~490MHz	OK
	P2	860MHz~2500MHz	OK
	P3	5150MHz~5875MHz	OK
2. Insertion Loss	P1	1.0dB Max.	OK
	P2	1.0dB Max.	OK
	P3	1.0dB Max.	OK
3. Return Loss	P1	15.0 dB Min	OK
	P2	15.0 dB Min	OK
	P3	15.0 dB Min	OK
4. Isolation		70dB Min.	OK
5. Power	P1	40W	OK
	P2	40W	OK
	P3	40W	OK
6. Impedance		50Ω	OK
7. Operating temp		-20 ~ +70 °C	OK
8. Connector		N-female	OK
9. Dimension		106.0x202.0x57mm	Proposal
10. Finish		Black	TBD

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

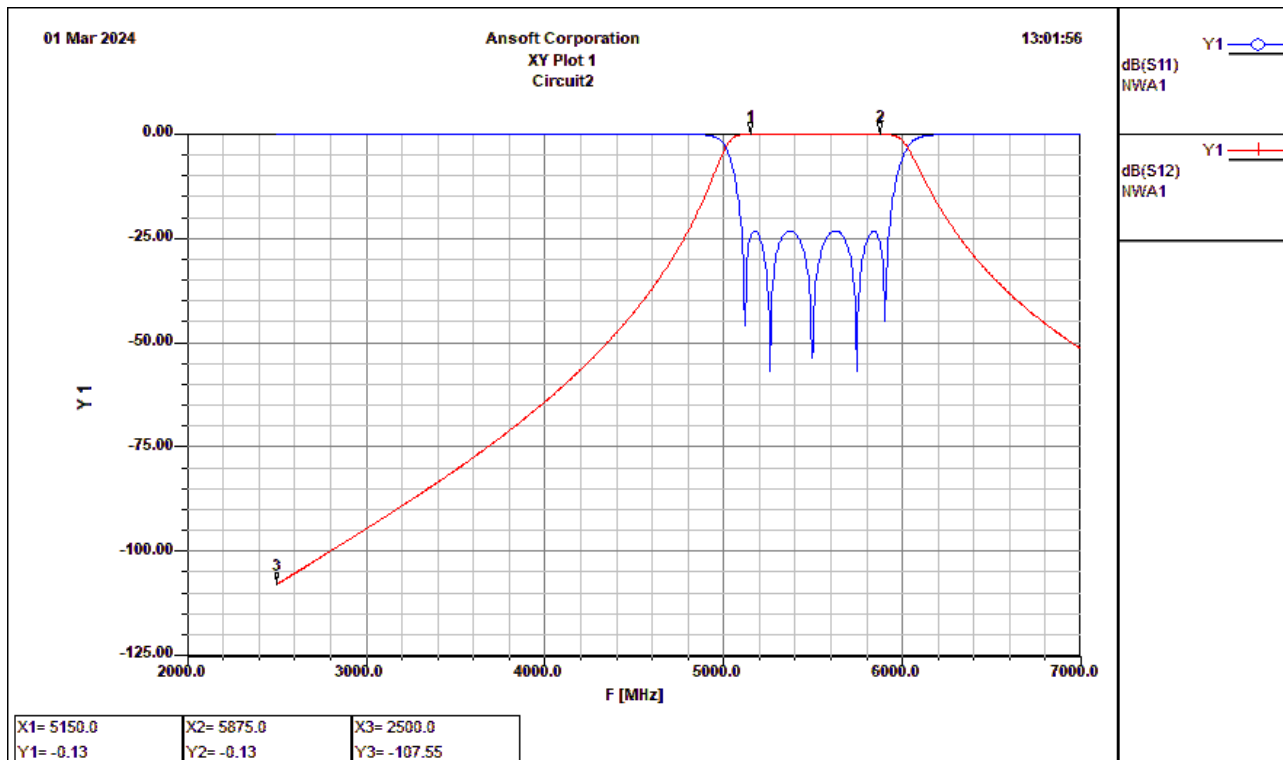
Simulation Curve



415~490MHz



860~2500MHz



5150~5875MHz