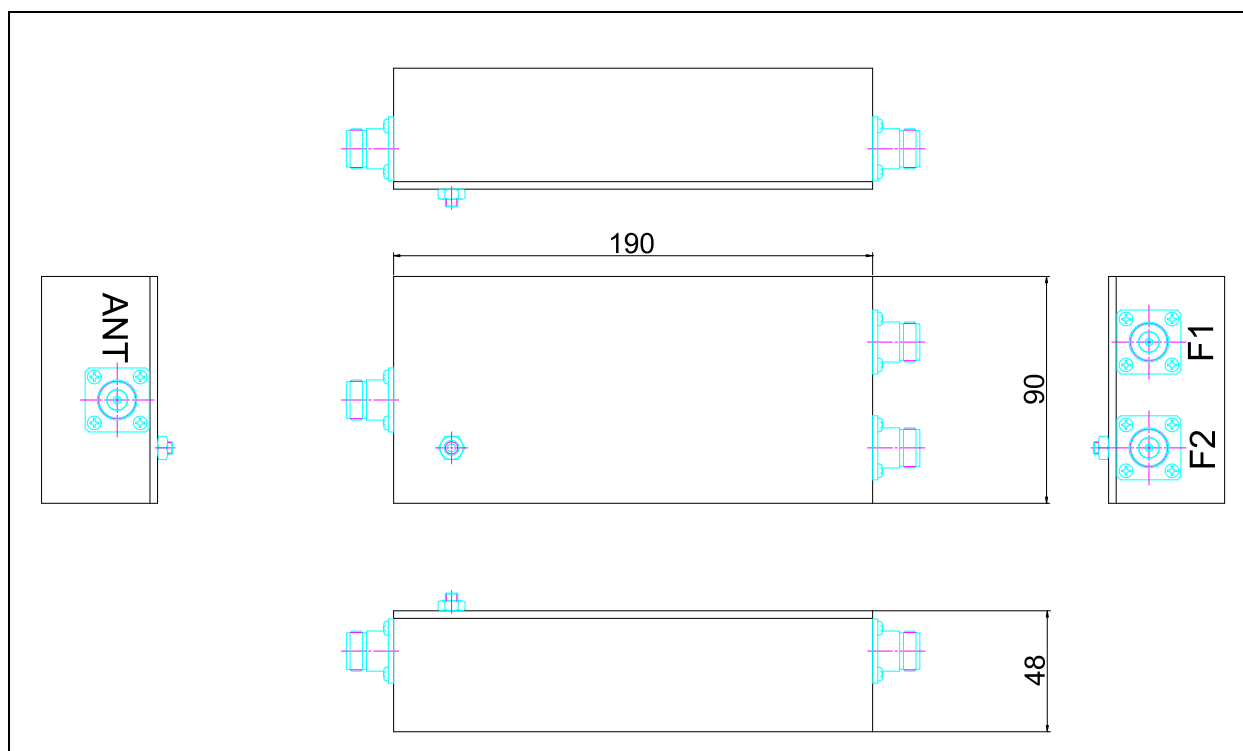


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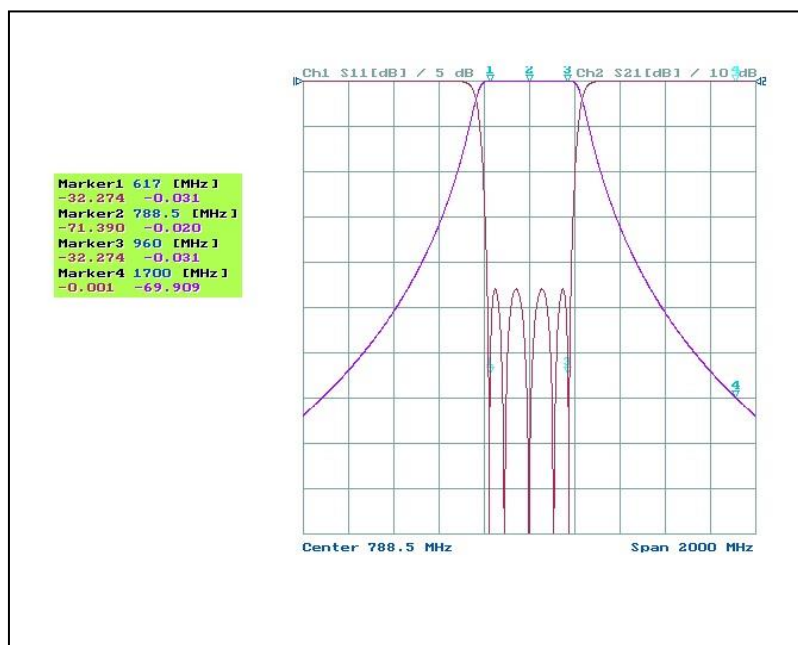
PRODUCT SPECIFICATION FOR INFORMATION

- Customer : MTi SUMMIT ELECTRONICS LTD.
- Product Name : DIPLEXER
- Part No : MDP617/1700-990P

PRELIMINARY SPECIFICATION



1. Frequency Range 1 : 617 ~ 960MHz
2. Frequency Range 2 : 1700 ~ 2690MHz
3. Insertion Loss : 0.3dB Max.
4. Return Loss : 20dB Min.
5. Tx/Rx Isolation : 60dB Min.
6. IMD : -150dBc Max. @ 43dBm(Design Goal)
7. Impedance : 50Ω
8. Average input power : 100W Max.
9. Peak input power : 600W Max.
10. Connectors : 3 X N-Type connectors
11. Weight : 1.6Kgs Max.
12. IP : IP64-Indoor use
13. Operating Temperature : -20 ~ +70℃
14. Size : 190 X 90 X 48mm Max

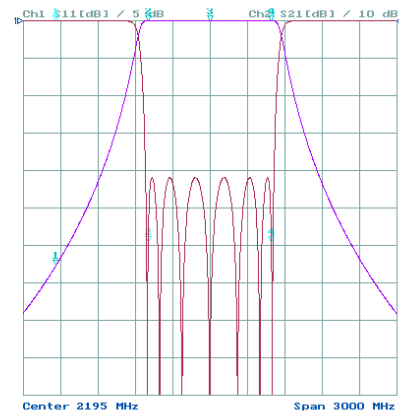


[SIMULATION PLOT]

■ Simulation Plots



F1



F2