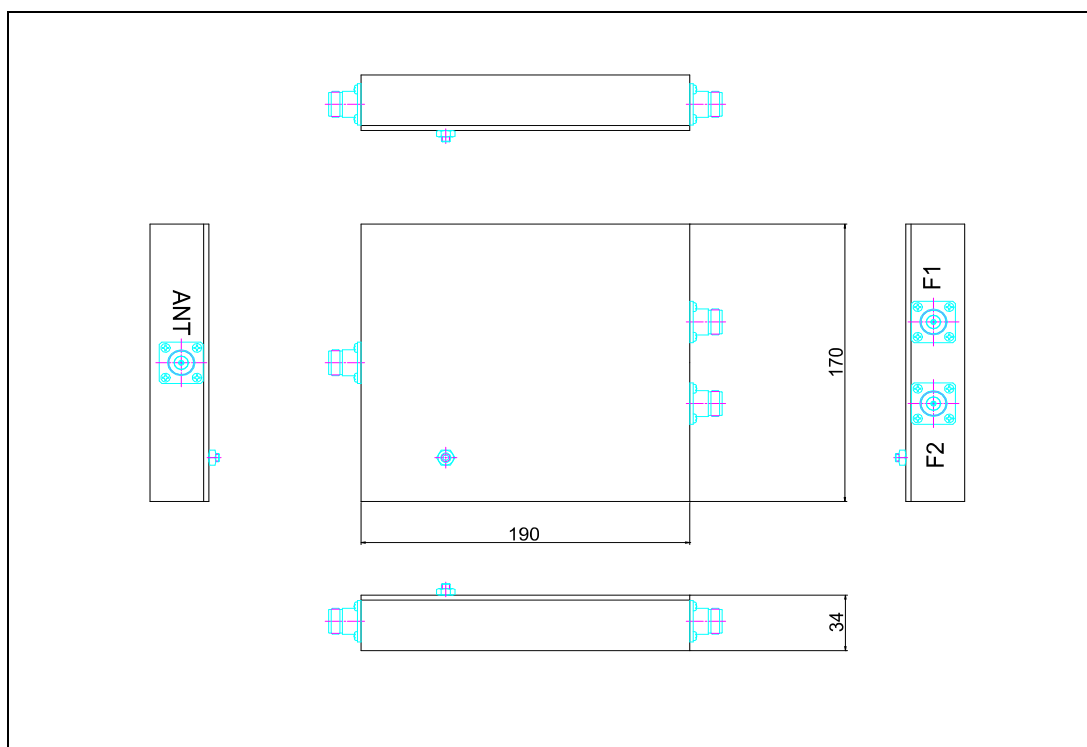


2018. 09. 21.

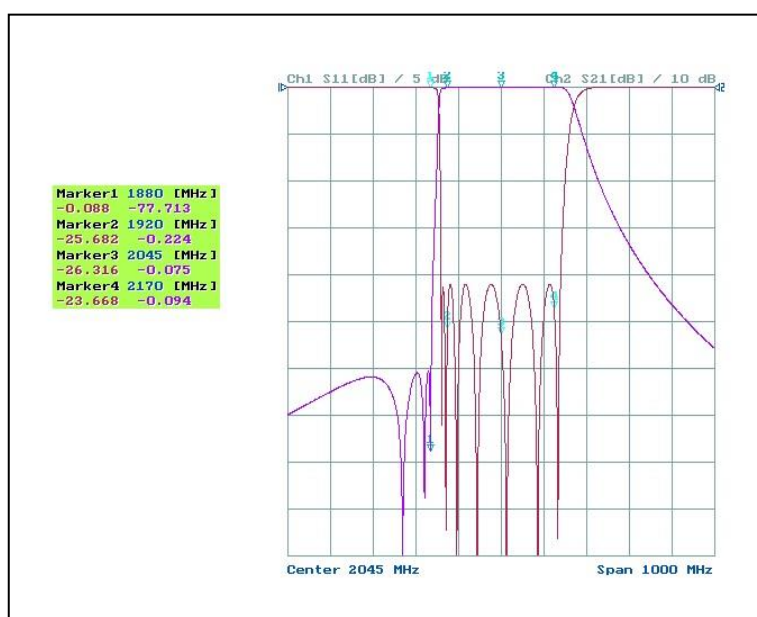
PRODUCT SPECIFICATION FOR INFORMATION

- Customer : MTi SUMMIT ELECTRONICS LTD.
- Product Name : DIPLEXER
- Part No : MDP1920/1710-170P

PRELIMINARY SPECIFICATION



1. Frequency Range 1 : 1920 ~ 2170MHz
2. Frequency Range 2 : 1710 ~ 1880MHz
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 : 1.7Kgs Max.
12. IP : IP64-Indoor use
13. Operating Temperature Range : -20 ~ +70℃
14. Size : 190 X 170 X 34mm Max



[SIMULATION PLOT]

■ Simulation Plots



F1



F2