

PRELIMINARY SPECIFICATION

Product Name : DUPLEXER

Part No : MDP-C655.5-C674_3M_14MS-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.04.28	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note

1. Connector : N(F)-Type
2. Finish : Black Epoxy Coating

■ Electrical Specification

Parameter	Specification		Remark
	RX	TX	
1. Center Frequency	655.5MHz	671MHz	
2. Frequency Range	fo ±1.5[654~657]MHz	fo ±7[664~678]MHz	
3. Insertion Loss	1.3dB Max.	1.3dB Max..	
4. Return Loss	15dB Min.	15dB Min.	
5.Attenuation[Absolute Value]	70 dB min.@664-700MHz	70 dB min.@630-657MHz	
	50 dB min.@ 700-3000MHz	50 dB min.@ 10-630MHz	
6. Size	276.0x185.0x58.0mm		
7. Input RF Power	150W (CW)		
8. Impedance	50Ω		
9. Operation Temperature Range	-20°C to +80°C		
10.Relative Humidity	10% - 95%		
11.Random Vibration	MIL-STD-810 F Method 514.5 procedure C1.3 axes, 20min.per each axis.		
12.Dust	MIL 810F Method 510.4 Procedure III settling dust		
13.Safety requirement	Approved according to UL/CE or similar standards		
14.Finish	Black Epoxy Coating		

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

■ Simulation Curve

