

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

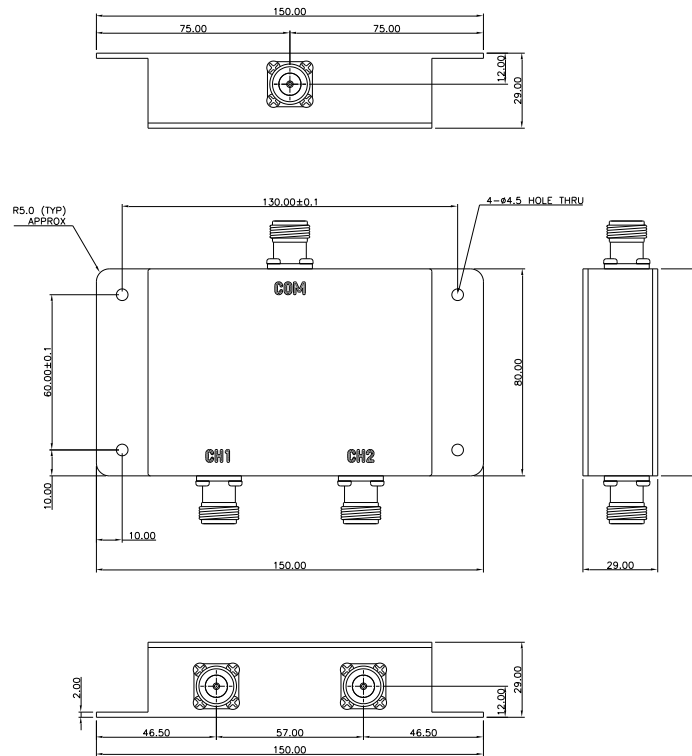
Product Name: VHF/UHF DIPLEXER

Part No: MDI-C137-C368.5_74M-287M-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.04.21	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector: N(F)
2. Finish: Yellow chromate

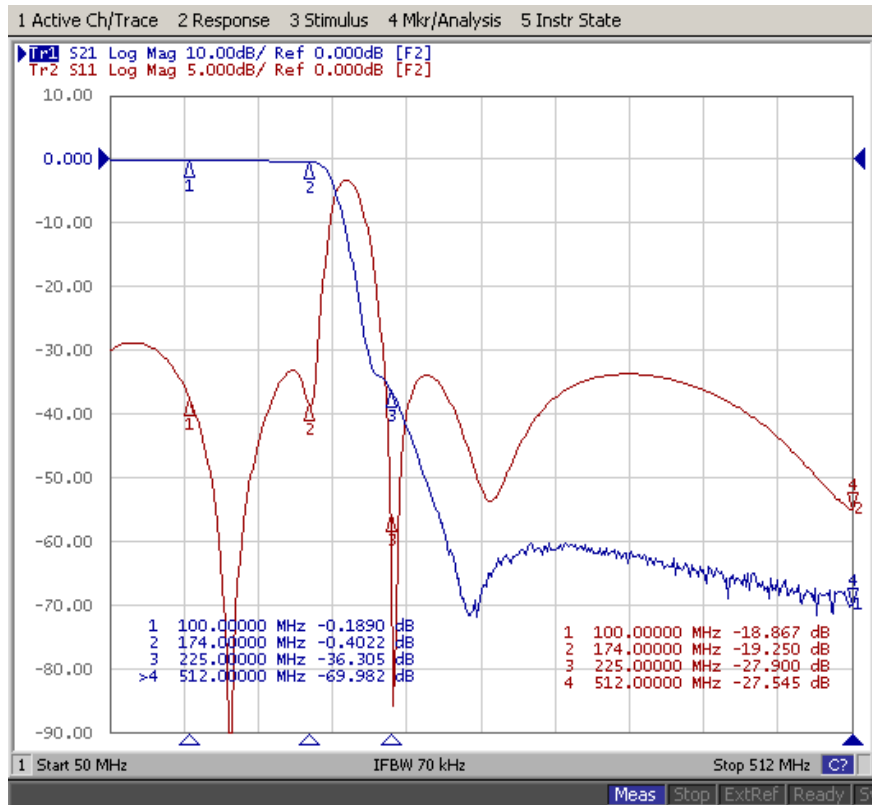
■ Electrical Specification

Parameter	Specification		Remark
	CH1	CH2	
1. Center Frequency	137MHz	368.5MHz	
2. Frequency Range	100-174MHz	225-512MHz	
3. Insertion Loss	0.5dB Max.		
4. Return Loss	15dB Min.		
5. Rejection	30dBMin. @ 225 ~ 512MHz	30dBMin. @ 100 ~174MHz	
6. Impedance	50Ω		
7. Power Handling	100W CW max / Channel		
8. Connectors	3 X N-TypeFemale		
9. Size	150.0X 80.0 X 29.0mm Max		
10.Finish	Clear chemical film per MIL-C-5541, Class 3		
11. Operating Temperature	-20°C to +55°C		
12. Non-Operating Temperature Range	-30°C to +70°C		

Remarks: This is a preliminary datasheet for reference.

Test Curve

1. Insertion Loss & Return Loss & Attenuation_CH1



2. Insertion Loss & Return Loss & Attenuation_CH2

