

## PRODUCT SPECIFICATION FOR INFORMATION

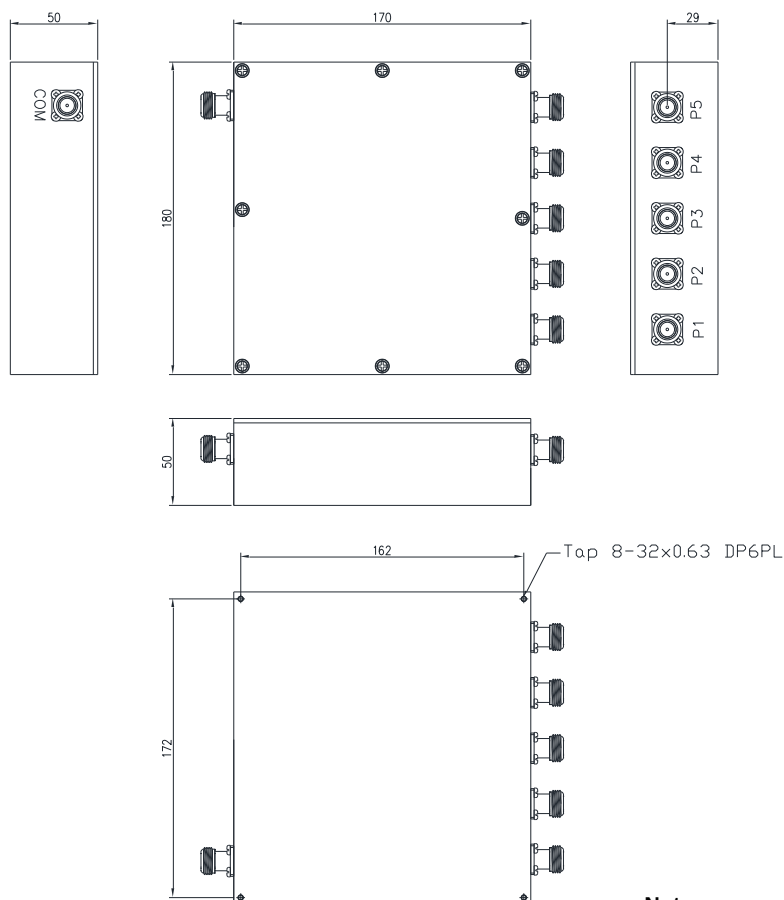
PRELIMINARY SPECIFICATION

**Product Name : Multiplexer**

**Part No : MMP-5COM\_350-6000MN-A-R0**

| N.o | Rev. No. | Description | Date       | Author     | Final Approver |
|-----|----------|-------------|------------|------------|----------------|
| 1   | R0       | Draft       | 2022.11.16 | Bryan Jeon | Michael Jeon   |
|     |          |             |            |            |                |
|     |          |             |            |            |                |
|     |          |             |            |            |                |

## ■ Mechanical Drawing



**Note**  
 1. Connector : N(f) type  
 2. Finish : Black epoxy coating

## ■ Electrical Specification

| Parameter              |       | Specification                             | Remark   |
|------------------------|-------|-------------------------------------------|----------|
| 1. Pass Band Frequency | P1    | 350MHz~470MHz                             |          |
|                        | P2    | 840MHz~968MHz                             |          |
|                        | P3    | 1160MHz~1610MHz                           |          |
|                        | P4    | 2005MHz~2500MHz                           |          |
|                        | P5    | 5000MHz~6000MHz                           |          |
| 2. Isolation           | P1~P5 | 70dB Min.@ Other Ports                    |          |
| 3. Insertion Loss      | P1    | 1.2dB Max.                                |          |
|                        | P2    | 1.6dB Max.                                |          |
|                        | P3    | 1.7dB Max.                                |          |
|                        | P4    | 1.4dB Max.                                |          |
|                        | P5    | 1.1dB Max.                                |          |
| 4. Band Ripple         |       | 1.0dB Max.(P-T-P)                         |          |
| 5. Return Loss         |       | 14dB Min.                                 |          |
| 6. RF Power Handling   |       | Each channel : 60W Max.<br>Com: 350W Max. |          |
| 7. Impedance           |       | 50Ω                                       |          |
| 8. Operating temp      |       | -30 ~ +70 °C                              |          |
| 9. Application         |       | IP67                                      | Out door |

Remarks: This is a preliminary datasheet for reference.

## Simulation Curve

