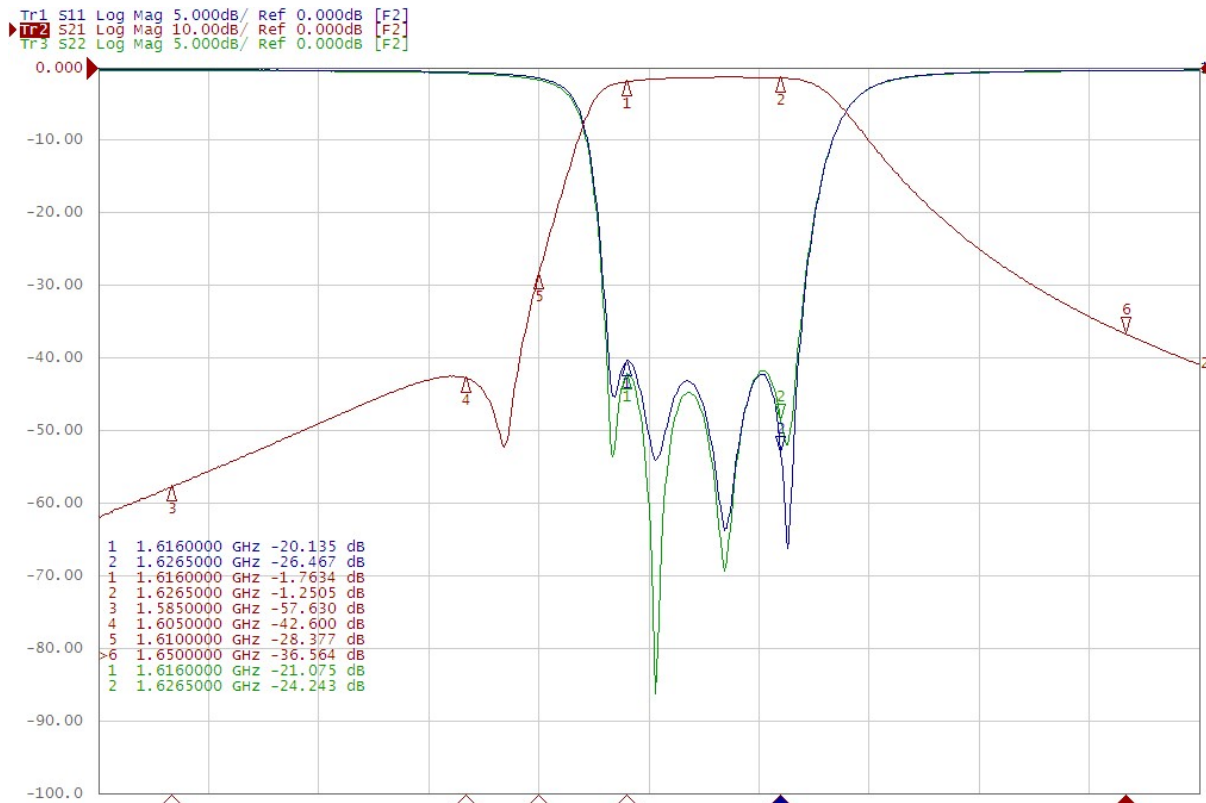


## Specification for Iridium Band Filter MtronPTI P/N: UF9766R

### I. Specifications:

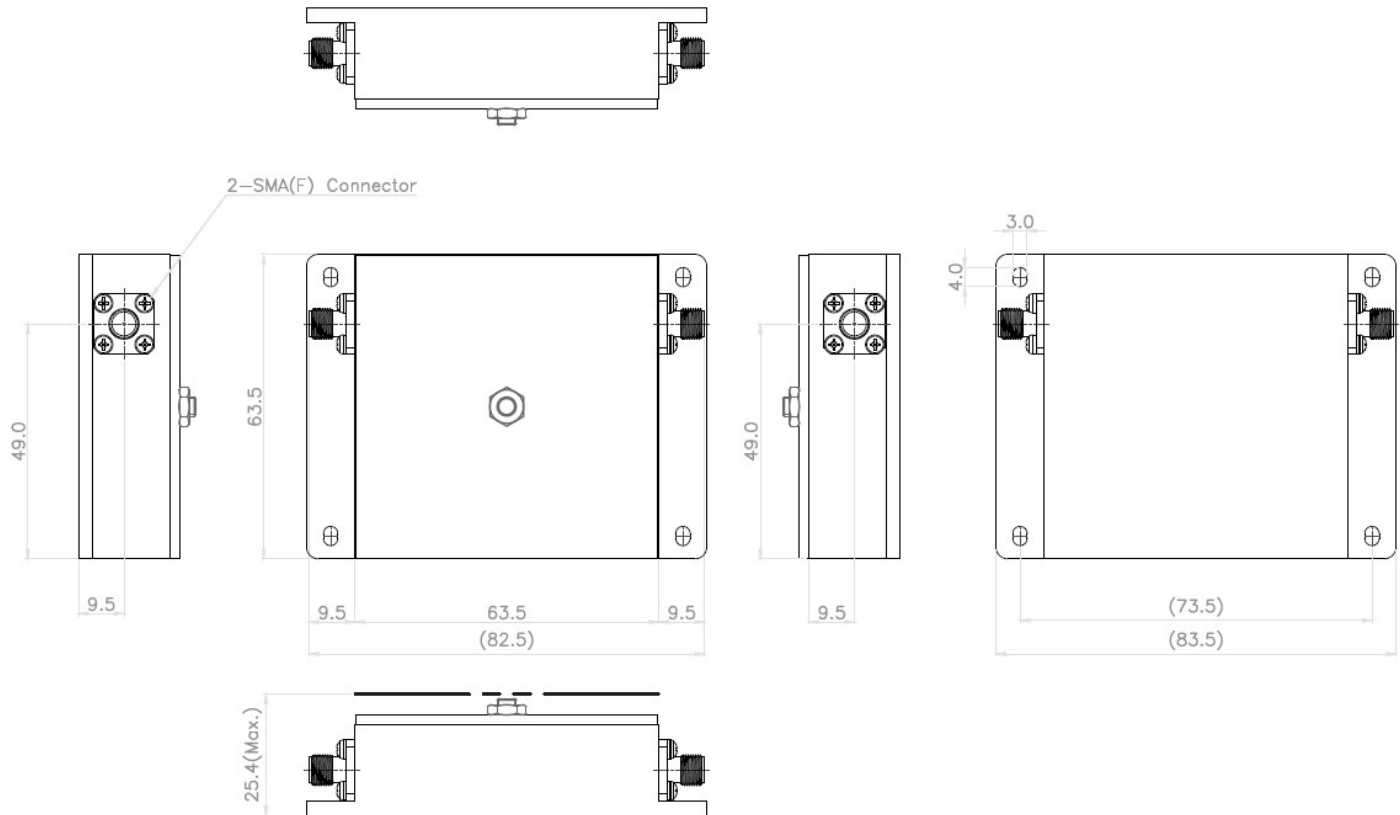
| Parameter                   | Specification        | Room   | Over Temp |
|-----------------------------|----------------------|--------|-----------|
| Pass Band                   | 1616~1626.5MHz       |        |           |
| Insertion loss              | Max.                 | 2.0dB  | 2.8dB     |
| Return loss                 | Min.                 | 18.0dB | 18.0dB    |
| Rejection                   | Min. @ 1-1585MHz     | 45.0dB | 45.0dB    |
|                             | Min. @ 1605MHz       | 37.0dB | 35.0dB    |
|                             | Min. @ 1610MHz       | 27.0dB | 20.0dB    |
|                             | Min. @ 1650-12000MHz | 35.0dB | 35.0dB    |
| Input Power                 | Avg. 1W, Peak 10W    |        |           |
| Operating Temperature Range | -40 to +85°C         |        |           |
| Connector                   | SMA Female           |        |           |

### II. Response Plot:



## Specification for Iridium Band Filter MtronPTI P/N: UF9766R

### III. Mechanical Design



Dimension in mm; ref Diagram.

### IV. Datasheet Revision Table:

| Date     | Rev. | Author | Details of Revision                        |
|----------|------|--------|--------------------------------------------|
| 06-13-17 | B    | DPD    | Outline revised as per customer's request. |
| 05-10-17 | A    | DPD    | Original Release.                          |