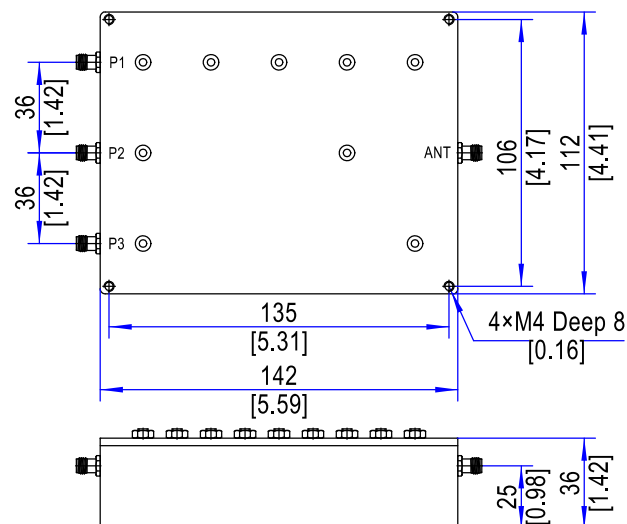


YSTPLX20-R7-2R25-S

0.7-2.25 GHz Cavity Triplexer, 20 W, SMA Connector

| Electrical Specifications | | | |
|-------------------------------|-------------------------|---|----------------------|
| Parameters | P 1 | P 2 | P 3 |
| Pass Band Freq. | 700-750 MHz | 1400-1500 MHz | 2100-2250 MHz |
| Center Freq.(F0) | 725 MHz | 1450 MHz | 2175 MHz |
| Insertion Loss | ≤1.0 dB | ≤1.0 dB | ≤1.0 dB |
| Pass Band Ripple | ≤0.5 dB | ≤0.5 dB | ≤0.5 dB |
| Pass Band VSWR | ≤1.4: 1 | ≤1.4: 1 | ≤1.4: 1 |
| Stop band Rejection | ≥50 dB @ 1400-2250 MHz | ≥50 dB @ DC-750 MHz ≥50 dB @ 2100-2250 MHz | ≥50 dB @ DC-1500 MHz |
| Power Handling | ≤20 W | | |
| Impedance | 50 Ω | | |
| Environmental Characteristics | | | |
| 1 | Operating Temperature | -30°C to +70°C | |
| Mechanical Characteristics | | | |
| 1 | Connectors | SMA Female | |
| 2 | Surface Finishing | Black Painted Finish | |
| 3 | Dimensions ¹ | 142×112×36 mm / [5.59×4.41×1.42 in] | |
| 4 | weight | 725 g | |

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Note 1: Excluding Connectors