# YSTPLX100-R88-2R745-S

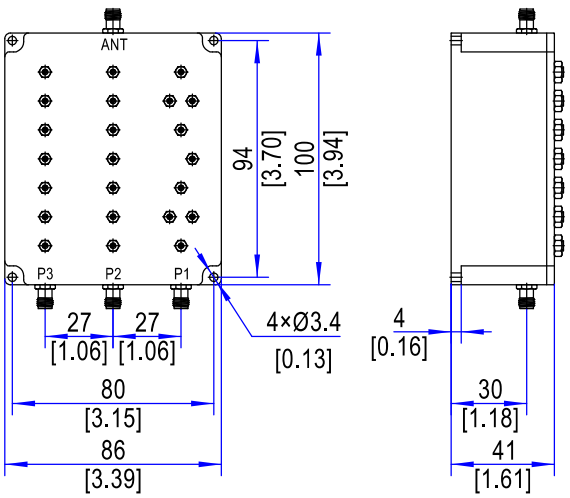
0.88-2.745 GHz Cavity Triplexer, 100 W, SMA Connector

| **Electrical Specifications** | | | |
|---|---|---|---|
| Parameters | P 1 | P 2 | P 3 |
| Pass Band Freq. | 880-915 MHz | 1760-1830 MHz | 2640-2745 MHz |
| Center Freq.(F0) | 897.5 MHz | 1795 MHz | 2692.5 MHz |
| Insertion Loss | ≤0.5 dB | ≤0.5 dB | ≤0.5 dB |
| Pass Band Ripple | ≤0.2 dB | ≤0.2 dB | ≤0.2 dB |
| Pass Band VSWR | ≤1.3: 1 | ≤1.3: 1 | ≤1.3: 1 |
| Stop band Rejection | ≥60 dB @ 1760-2745 MHz | ≥60 dB @ DC-915 MHz<br>≥60 dB @ 2640-2745 MHz | ≥60 dB @ DC-1830 MHz |
| Power Handling | ≤100 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] | 100×86×41 mm / [3.94×3.39×1.61 in] |
| 4 | weight | 475 g |

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




Note 1: Excluding Connectors