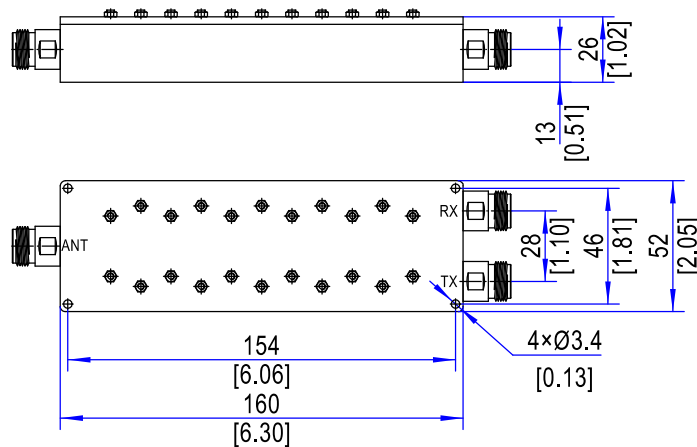


YSDPX100-1R92-2R17-N

1.92-2.17 GHz Cavity Duplexer, 100 W, N-Type Connector

| Electrical Specifications | | | |
|-------------------------------|-------------------------|------------------------------------|----------------------|
| NO. | Parameters | RX | TX |
| 1 | Pass Band Frequency | 1920-1980 MHz | 2110-2170 MHz |
| 2 | Center Frequency(F0) | 1950 MHz | 2140 MHz |
| 3 | Insertion Loss | ≤0.8 dB | ≤0.8 dB |
| 4 | Pass Band Ripple | ≤0.4 dB | ≤0.4 dB |
| 5 | Pass Band VSWR | ≤1.3: 1 | ≤1.3: 1 |
| 6 | Stop Band Rejection | ≥80 dB@2110-2170 MHz | ≥80 dB@1920-1980 MHz |
| 7 | Power Handling | ≤100 W | |
| 8 | Impedance | 50 Ω | |
| Environmental Characteristics | | | |
| 1 | Operating Temperature | -20°C to +40°C | |
| Mechanical Characteristics | | | |
| 1 | Connectors | N-Type Female | |
| 2 | Surface Finishing | Black Painted Finish | |
| 3 | Dimensions ¹ | 160×52×26 mm / [6.30×2.05×1.02 in] | |
| 4 | weight | 430 g | |

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



Note 1: Excluding Connectors