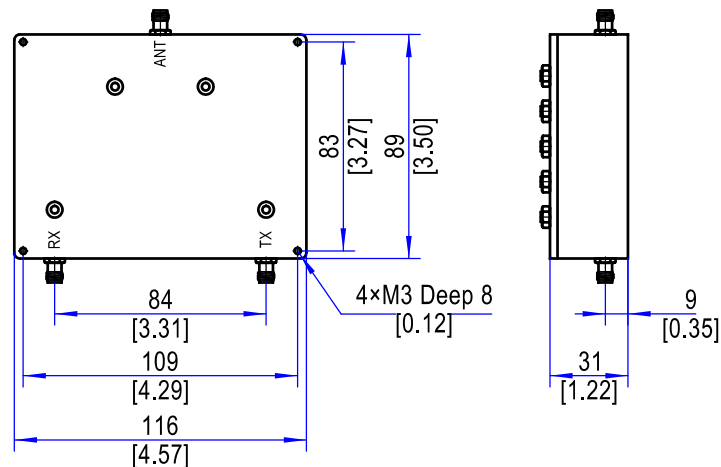


# YSDPX100-2R475-2R501-S

2.475-2.501 GHz Cavity Duplexer, 100 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	2475-2485 MHz	2499-2501 MHz
2	Center Frequency(F0)	2480 MHz	2500 MHz
3	Insertion Loss	≤2.0 dB	≤2.0 dB
4	Pass Band Ripple	≤1.0 dB	≤0.8 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥70 dB @ DC-2350 MHz, 2620-4500 MHz	
7	Isolation	≥60 dB @ 2475-2485 MHz, 2499-2501 MHz	
8	Power Handling	≤100 W	
9	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-20°C to +60°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	116×89×31 mm / [4.57×3.50×1.22 in]	
4	weight	482 g	

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



Note 1: Excluding Connectors