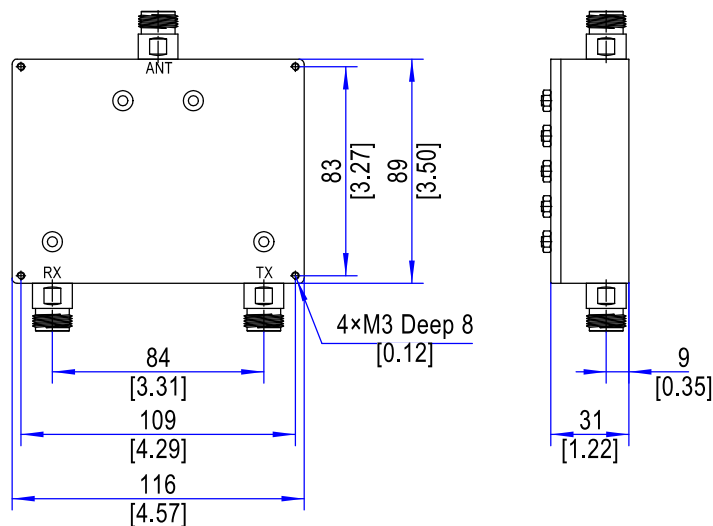


# YSDPX100-2R475-2R501-N

2.475-2.501 GHz Cavity Duplexer, 100 W, N-Type 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	Return Loss	≥18 dB	≥18 dB
5	Isolation	≥50 dB @ 2475-2485 MHz, 2499-2501 MHz	
6	Power Handling	≤100 W	
7	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-20°C to +60°C	
Mechanical Characteristics			
1	Connectors	N-Type 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	540 g	

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



Note 1: Excluding Connectors