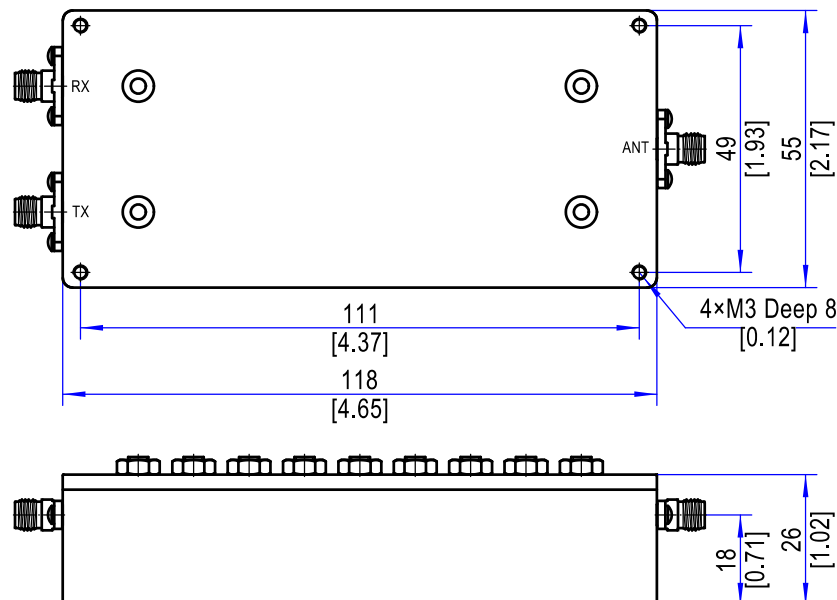


YSDPX100-2R4-2R875-S

2.4-2.875 GHz Cavity Duplexer, 100 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	2400-2500 MHz	5725-5875 MHz
2	Center Frequency(F0)	2450 MHz	5800 MHz
3	Insertion Loss	≤0.5 dB	≤0.5 dB
4	Pass Band Ripple	≤0.2 dB	≤0.2 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥80 dB @ 5725-5875 MHz	≥80 dB @ 2400-2500 MHz
7	Isolation	≥80 dB @ 2400-2500 MHz, 5725-5875 MHz	
8	Power Handling	RX: 60 W Max. ; TX: 60 W Max. ; ANT: 100 W Max.	
9	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	118×55×26 mm / [4.65×2.17×1.02 in]	
4	weight	253 g	

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



Note 1: Excluding Connectors