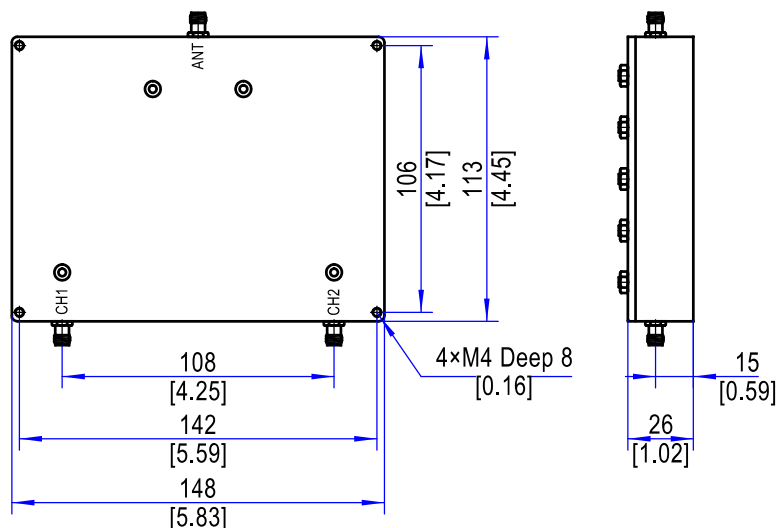


# YSDPLX30-2R025-2R3-S

2.025-2.3 GHz Cavity Diplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	CH 1	CH 2
1	Pass Band Frequency	2025-2125 MHz	2200-2300 MHz
2	Center Frequency(F0)	2075 MHz	2250 MHz
3	Insertion Loss	≤0.8dB	≤0.8dB
4	Pass Band Ripple	≤0.4 dB	≤0.4 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥80 dB @ 2200-2300 MHz	≥80 dB @ 2025-2125 MHz
7	Isolation	≥80 dB @ 2025-2125 MHz, 2200-2300 MHz	
8	Power Handling	30 W(CW)	
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>	148×113×26 mm / [5.83×4.45×1.02 in]	
4	weight	582 g	

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



Note 1: Excluding Connectors