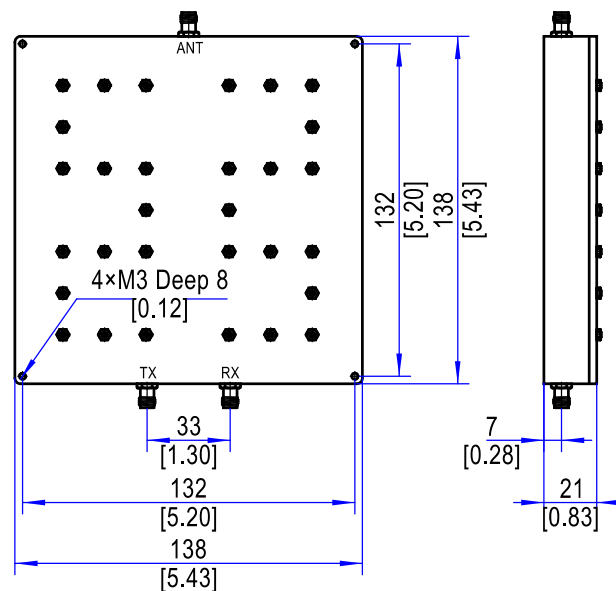


# YSDPX30-4R8-4R88-S

4.8-4.88 GHz Cavity Duplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	4800-4830 MHz	4850-4880 MHz
2	Center Frequency(F0)	4815 MHz	4815 MHz
3	Insertion Loss	≤2.3 dB	≤2.3 dB
4	Pass Band Ripple	≤1.0 dB	≤1.0 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥50 dB @ 4850-4880 MHz	≥50 dB @ 4800-4830 MHz
7	Power Handling	≤30 W	
8	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>	138×138×21 mm / [5.43×5.43×0.83 in]	
4	weight	506 g	

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



Note 1: Excluding Connectors