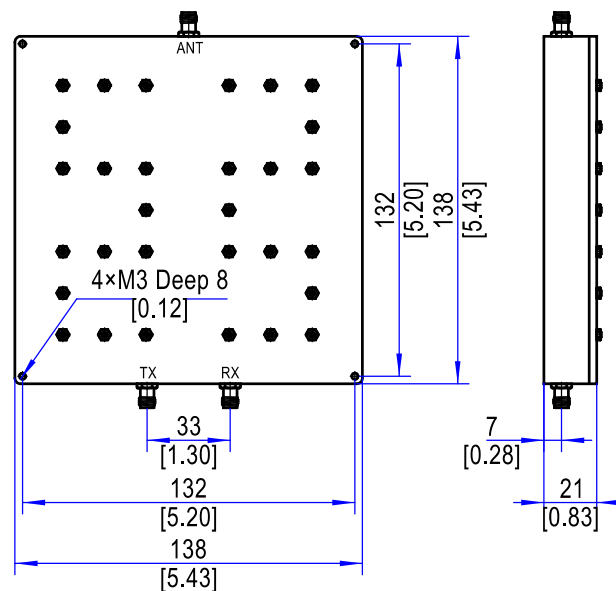


# YSDPX30-3R5-3R58-S

3.5-3.58 GHz Cavity Duplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	3500-3530 MHz	3550-3580 MHz
2	Center Frequency(F0)	3515 MHz	3565 MHz
3	Insertion Loss	≤2.2 dB	≤2.2 dB
4	Pass Band Ripple	≤1.0 dB	≤1.0 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥50 dB @ 3550-3580 MHz	≥50 dB @ 3500-3530 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	503 g	

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



Note 1: Excluding Connectors