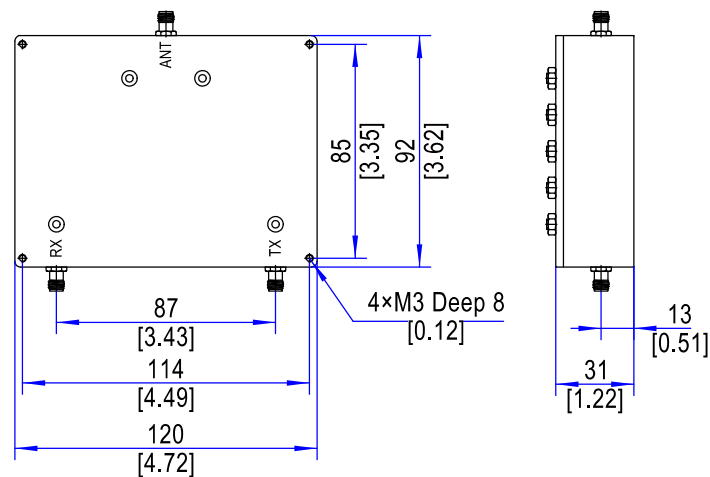


## YSDPX30-1R8-1R88-S

1.8-1.88 GHz Cavity Duplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	1800-1830 MHz	1850-1880 MHz
2	Center Frequency(F0)	1815 MHz	1865 MHz
3	Insertion Loss	≤1.5 dB	≤1.5 dB
4	Pass Band Ripple	≤0.7 dB	≤0.7 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥60 dB @ 1850-1880 MHz	≥60 dB @ 1800-1830 MHz
7	Power Handling	≤30 W	
8	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 <sup>1</sup>	120×92×31 mm / [4.72×3.62×1.22 in]	
4	weight	490 g	

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



Note 1: Excluding Connectors