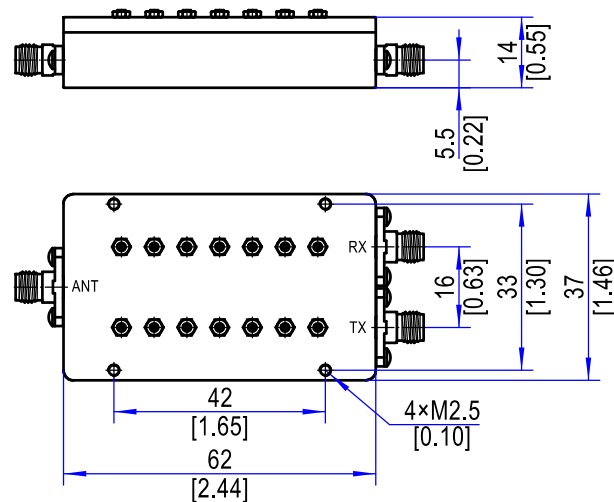


# YSDPX80-6R75-9R25-S

6.75-9.25 GHz Cavity Duplexer, 80 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	6750-6850 MHz	9150-9250 MHz
2	Center Frequency(F0)	6800 MHz	9200 MHz
3	Insertion Loss	≤0.7 dB	≤0.7 dB
4	Pass Band Ripple	≤0.2 dB	≤0.2 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥80 dB @ 9150-9250 MHz	≥80 dB @ 6750-6850 MHz
7	Isolation	≥80 dB @ 6750-6850 MHz, 9150-9250 MHz	
8	Power Handling	≤80 W	
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 <sup>1</sup>	62×37×14 mm / [2.44×1.46×0.55 in]	
4	weight	165 g	

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



Note 1: Excluding Connectors