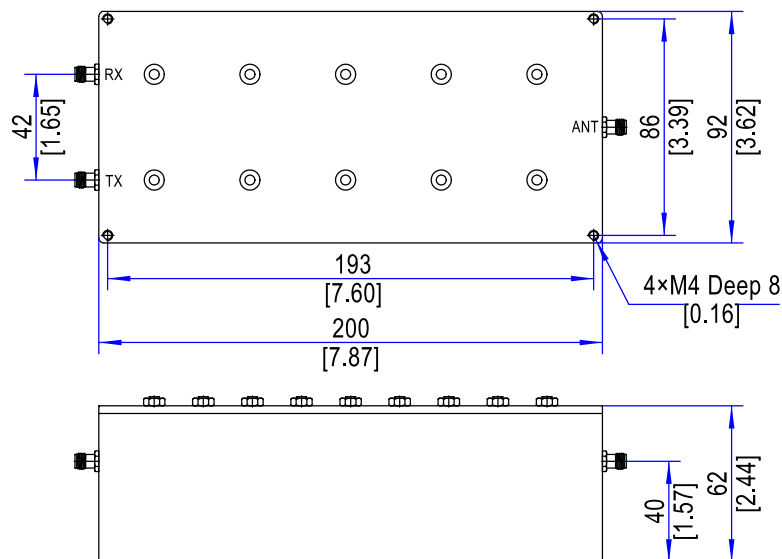


# YSDPX80-R542-R678-S

0.542-0.678 GHz Cavity Duplexer, 80 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	542-562 MHz	658-678 MHz
2	Center Frequency(F0)	552 MHz	668 MHz
3	Insertion Loss	≤0.8 dB	≤2.0 dB
4	Pass Band Ripple	≤0.2 dB	≤0.8 dB
5	Pass Band VSWR	≤1.3: 1	≤1.3: 1
6	Isolation	≥70 dB @ 542-562 MHz , 658-678 MHz	
7	Power Handling	≤80 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>	200×92×62 mm / [7.87×3.62×2.44 in]	
4	weight	1190 g	

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



Note 1: Excluding Connectors