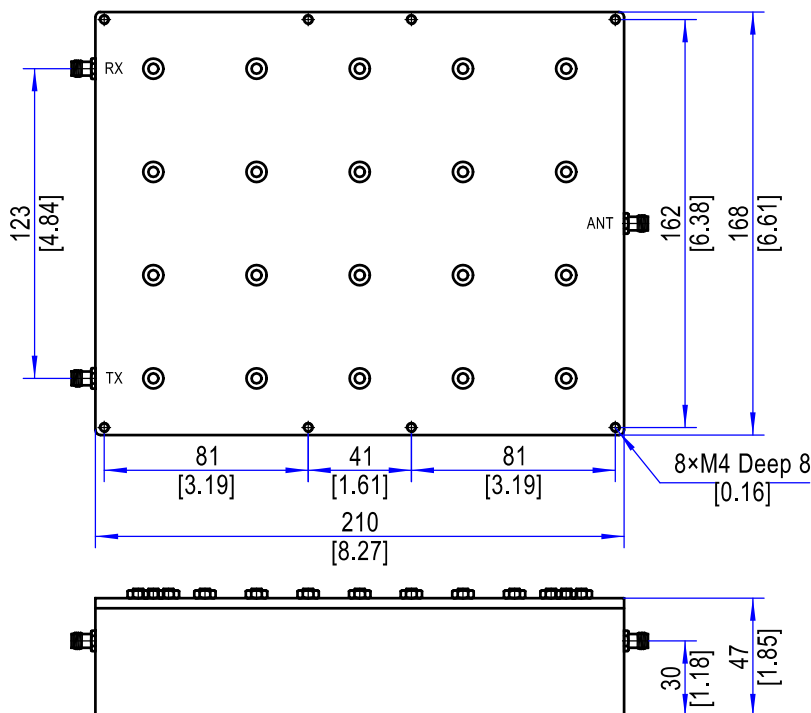


## YSDPX50-R703-R803-N

0.703-0.803 GHz Cavity Duplexer, 50 W, N-Type Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	703-748 MHz	758-803 MHz
2	Center Frequency(F0)	725.5 MHz	780.5 MHz
3	Insertion Loss	≤1.2 dB	≤1.2 dB
4	Pass Band Ripple	≤0.7 dB	≤0.7 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥60 dB @ 758-803 MHz	≥60 dB @ 703-748 MHz
7	Isolation	≥60 dB @ 703-748 MHz, 758-803 MHz	
8	Power Handling	≤50 W	
9	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-20°C to +60°C	
Mechanical Characteristics			
1	Connectors	N-Type Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	210×168×47 mm / [8.27×6.61×1.85 in]	
4	weight	2017 g	

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



Note 1: Excluding Connectors