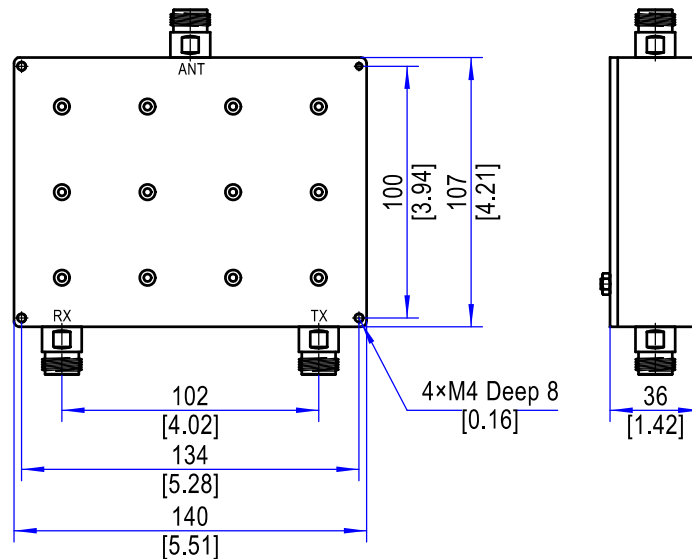


YSDPX20-R814-R869-N

0.814-0.869 GHz Cavity Duplexer, 20 W, N-Type Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	814-824 MHz	859-869 MHz
2	Center Frequency(F0)	819 MHz	864 MHz
3	Insertion Loss	≤1.0 dB	≤1.0 dB
4	Pass Band Ripple	≤0.4 dB	≤0.4 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥100 dB @ 859-869 MHz	≥100 dB @ 814-824 MHz
7	Isolation	≥100 dB @ 814-824 MHz, 859-869 MHz	
8	Power Handling	20 W(CW), 100 W(PK)	
9	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-30°C to +70°C	
Mechanical Characteristics			
1	Connectors	N-Type Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions ¹	140×107×36 mm / [5.51×4.21×1.42 in]	
4	weight	845 g	

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



Note 1: Excluding Connectors