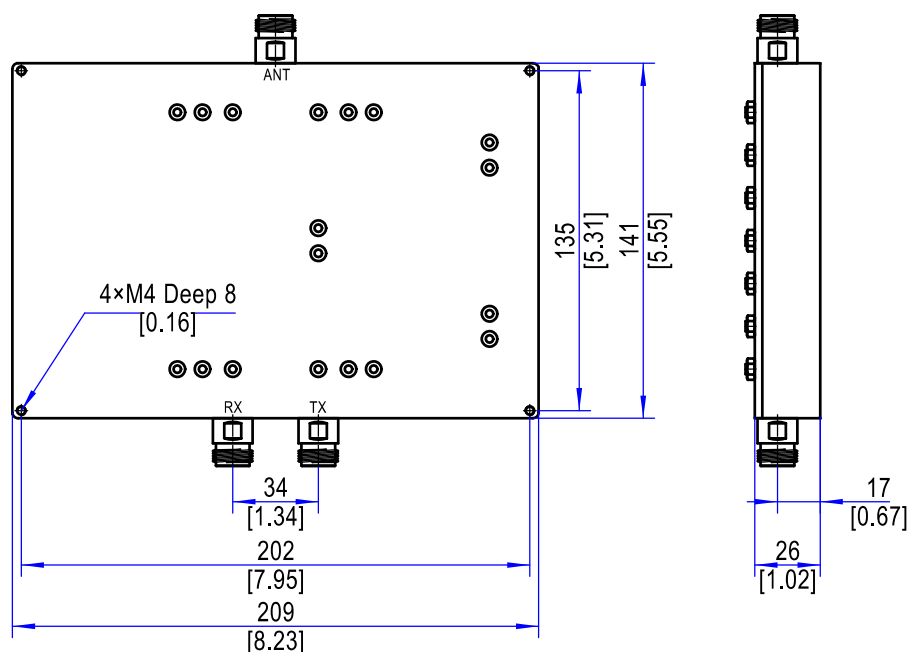


# YSDPX50-1R71-2R17-N

1.71-2.17 GHz Cavity Duplexer, 50 W, N-Type Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	1710-1880 MHz	1920-2170 MHz
2	Center Frequency(F0)	1795 MHz	2045 MHz
3	Insertion Loss	≤1.3 dB	≤1.3 dB
4	Pass Band Ripple	≤0.8 dB	≤0.8 dB
5	Return Loss	≥15 dB	≥15 dB
6	Stop band Rejection	≥60 dB @ 1920-2170 MHz	≥60 dB @ 1710-1880 MHz
7	Power Handling	≤50 W	
8	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 <sup>1</sup>	209×141×26 mm / [8.23×5.55×1.02 in]	
4	weight	1090 g	

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



Note 1: Excluding Connectors