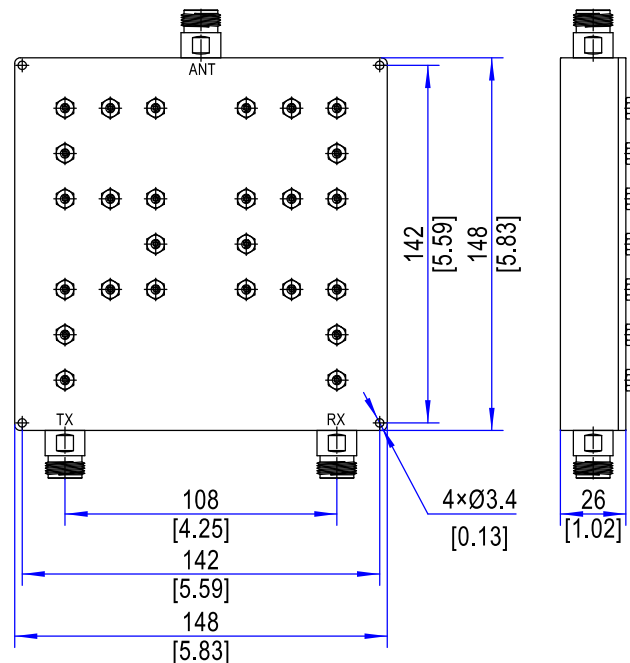


# YSDPX50-1R85-1R99-N

1.85-1.99 GHz Cavity Duplexer, 50 W, N-Type Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	1850-1910 MHz	1930-1990 MHz
2	Center Frequency(F0)	1880 MHz	1960 MHz
3	Insertion Loss	≤1.0 dB	≤1.0 dB
4	Pass Band Ripple	≤0.7 dB	≤0.7 dB
5	Pass Band VSWR	≤1.3: 1	≤1.3: 1
6	Stop Band Rejection	≥65 dB @ 1930-1990 MHz	≥65 dB @ 1850-1910 MHz
7	Power Handling	50 W(CW)	
8	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-40°C to +70°C	
Mechanical Characteristics			
1	Connectors	N-Type Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	148×148×26 mm / [5.83×5.83×1.02 in]	
4	weight	845 g	

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



Note 1: Excluding Connectors