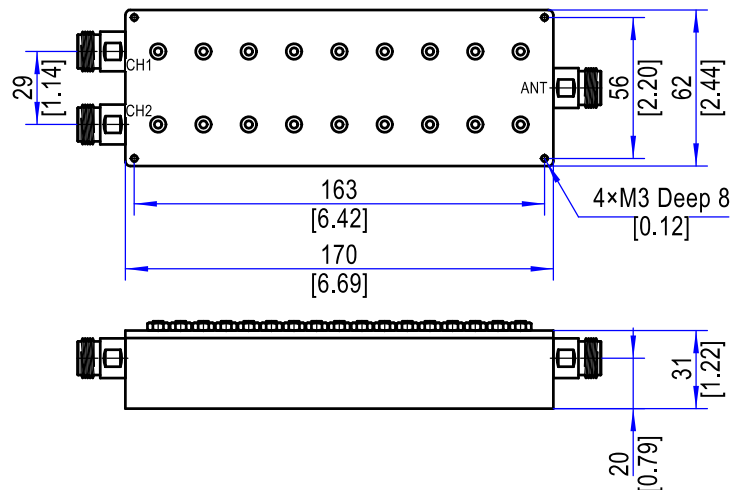


# YSDPLX30-1R25-1R79-N

1.25-1.79 GHz Cavity Diplexer, 30 W, N-Type Connector

Electrical Specifications			
NO.	Parameters	CH 1	CH 2
1	Pass Band Frequency	1250-1450 MHz	1630-1790 MHz
2	Center Frequency(F0)	1350 MHz	1710 MHz
3	Insertion Loss	≤1.0 dB	≤1.0 dB
4	Pass Band Ripple	≤0.5 dB	≤0.5 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥70 dB @ 1630-1790 MHz	≥70 dB @ 1250-1450 MHz
7	Isolation	≥70 dB @ 1250-1450 MHz, 1630-1790 MHz	
8	Power Handling	30 W (CW)	
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 <sup>1</sup>	170×62×31 mm / [6.69×2.44×1.22 in]	
4	weight	600 g	

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



Note 1: Excluding Connectors