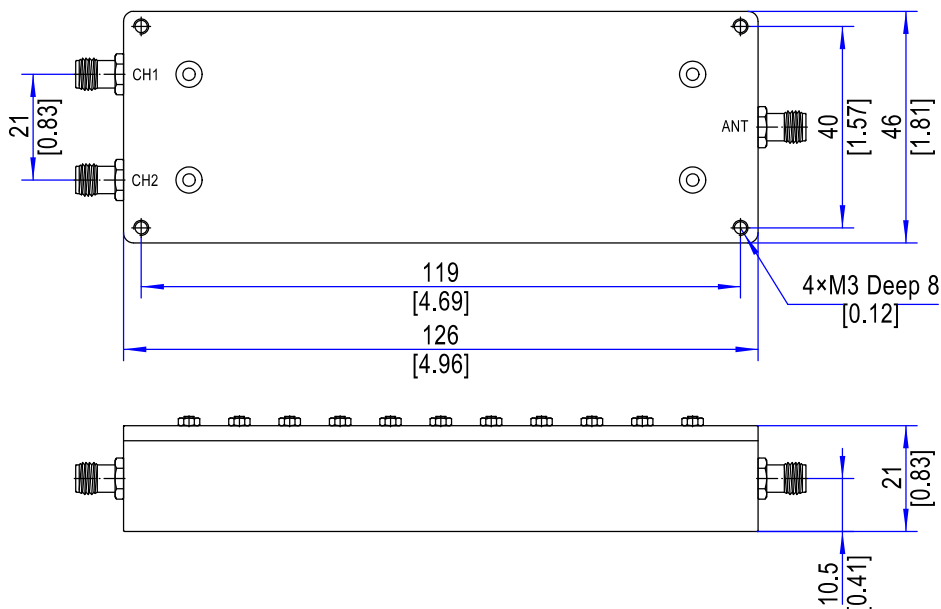


# YSDPLX20-3R39-3R55-S

3.39-3.55 GHz Cavity Diplexer, 20 W, SMA Connector

Electrical Specifications			
NO.	Parameters	CH 1	CH 2
1	Pass Band Frequency	3390-3450 MHz	3490-3550 MHz
2	Center Frequency(F0)	3420 MHz	3520 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	≥60 dB @ DC-3100 MHz ≥20 dB @ 3490-6000 MHz	≥20 dB @ DC-3450 MHz ≥60 dB @ 3600-6000 MHz
7	Power Handling	≤20 W	
8	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-20°C to +60°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	126×46×21 mm / [4.96×1.81×0.83 in]	
4	weight	195 g	

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



Note 1: Excluding Connectors