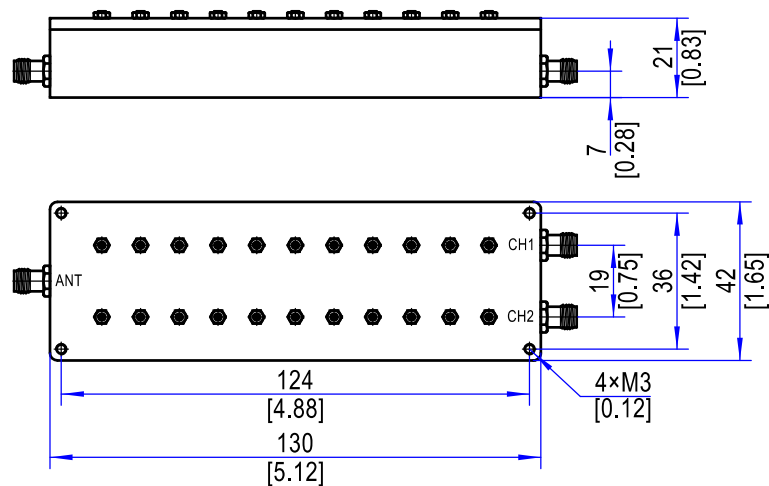


YSDPLX10-2R99-3R07-S

2.99-3.07 GHz Cavity Diplexer, 10 W, SMA Connector

Electrical Specifications			
NO.	Parameters	CH 1	CH 2
1	Pass Band Frequency	2990-3010 MHz	3050-3070 MHz
2	Center Frequency(F0)	3000 MHz	≤1.8 dB
3	Insertion Loss	≤1.8 dB	≤0.4 dB
4	Pass Band Ripple	≤0.4 dB	≥20 dB
5	Return Loss	≥20 dB	≤1.8 dB
6	Stop band Rejection	≥50 dB @ 3050-3070 MHz	≥50 dB @ 2990-3010 MHz
7	Power Handling	≤10 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 ¹	130×42×21 mm / [5.12×1.65×0.83 in]	
4	weight	182 g	

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



Note 1: Excluding Connectors