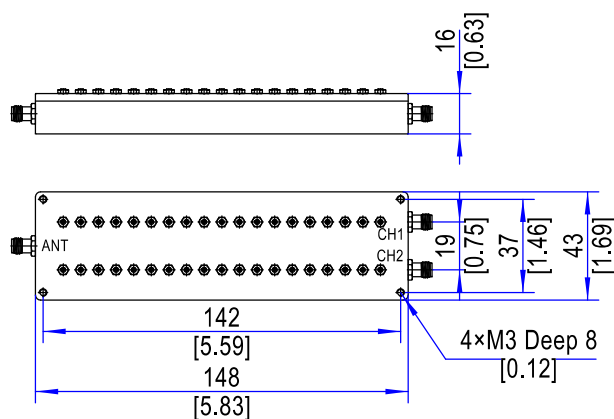


# YSDPLX30-4R4-5-S

4.4-5 GHz Cavity Diplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	CH 1	CH 2
1	Pass Band Frequency	4400-4625 MHz	4775-5000 MHz
2	Center Frequency(F0)	4512.5 MHz	4887.5 MHz
3	Insertion Loss	≤1.25 dB	≤1.25 dB
4	Return Loss	≥18 dB	≥18 dB
5	Stop band Rejection	≥70 dB @ DC-4100 MHz ≥70 dB @ 4775-10000 MHz	≥70 dB @ DC-4625 MHz ≥70 dB @ 5300-10000 MHz
6	Power Handling	≤30 W	
7	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-30°C to +70°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions <sup>1</sup>	148×43×16 mm / [5.83×1.69×0.63 in]	
4	weight	205 g	

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



Note 1: Excluding Connectors