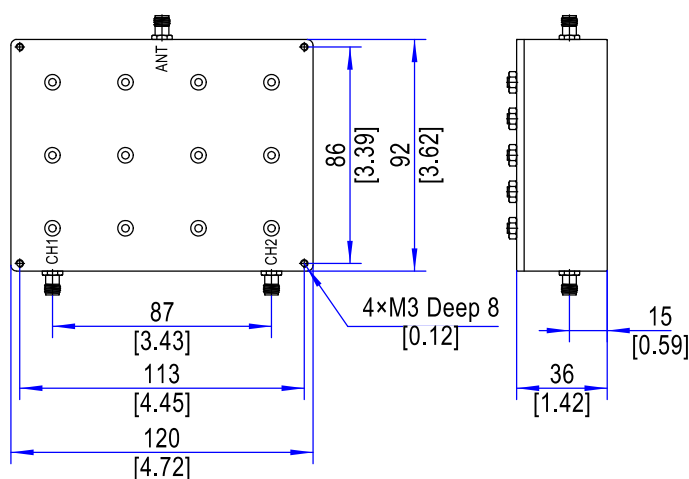


YSDPLX3-R8297-R8563-S

829.7-856.3 MHz Cavity Diplexer, 3 W, SMA Connector

Electrical Specifications			
NO.	Parameters	CH 1	CH 2
1	Pass Band Frequency	829.7-839.7 MHz	846.3-856.3 MHz
2	Center Frequency(F0)	834.7 MHz	851.3 MHz
3	Insertion Loss	≤2.6 dB	≤2.6 dB
4	Pass Band Ripple	≤1.0 dB	≤1.0 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥45 dB @ 846.3-856.3 MHz	≥45 dB @ 829.7-839.7 MHz
7	Power Handling	≤3 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	120×92×36 mm / [4.72×3.62×1.42 in]	
4	weight	620 g	

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



Note 1: Excluding Connectors