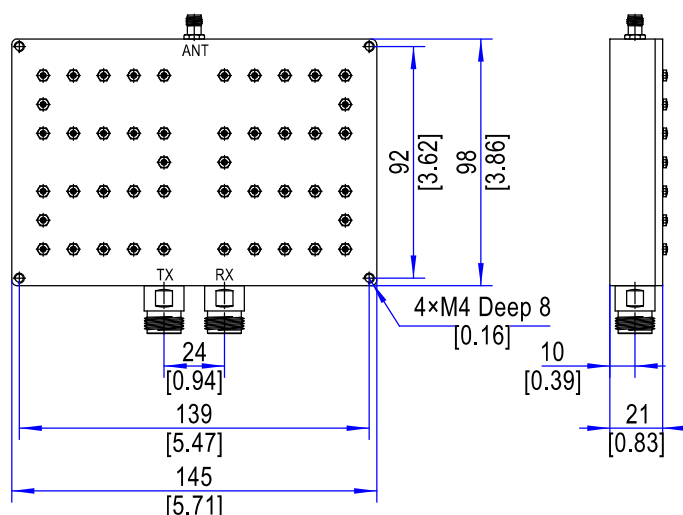


YSDPX30-4R7-5R3-S

4.7-5.3 GHz Cavity Duplexer, 30 W, SMA Connector

Electrical Specifications			
NO.	Parameters	RX	TX
1	Pass Band Frequency	4700-4900 MHz	5100-5300 MHz
2	Center Frequency(F0)	4800 MHz	5200 MHz
3	Insertion Loss	≤1.2 dB	≤1.2 dB
4	Pass Band Ripple	≤0.6 dB	≤0.6 dB
5	Return Loss	≥18 dB	≥18 dB
6	Stop band Rejection	≥70 dB @ DC-4604 MHz ≥40 dB @ 4604-4652 MHz ≥40 dB @ 4948-4996 MHz ≥70 dB @ 4996-5300 MHz	≥70 dB @ DC-4996 MHz ≥40 dB @ 4996-5048 MHz ≥40 dB @ 5352-5404 MHz ≥70 dB @ 5404-6000 MHz
7	Power Handling	≤30 W	
8	Impedance	50 Ω	
Environmental Characteristics			
1	Operating Temperature	-20°C to +60°C	
Mechanical Characteristics			
1	Connectors	SMA Female to N-Type Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions ¹	145×98×21 mm / [5.71×3.86×0.83 in]	
4	weight	450 g	

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



Note 1: Excluding Connectors