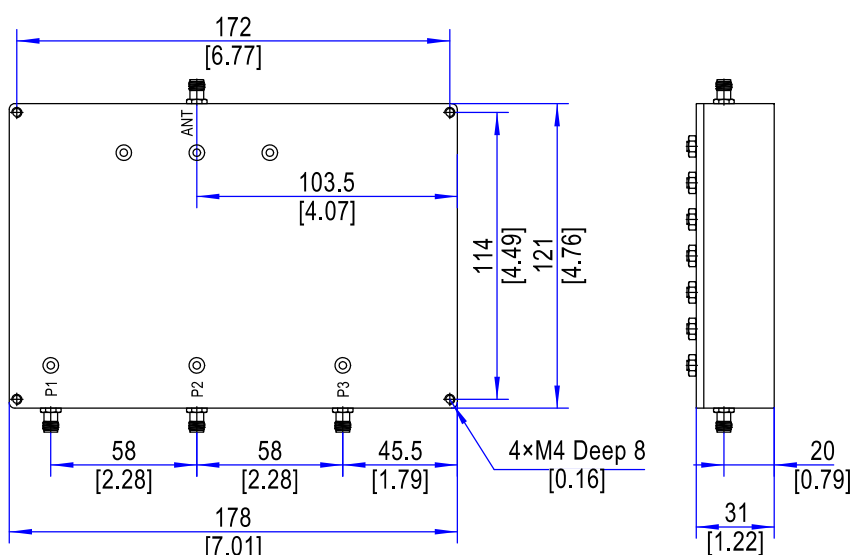


YSTPLX30-1R71-1R98-S

1.71-1.98 GHz Cavity Triplexer, 30 W, SMA Connector

Electrical Specifications			
Parameters	P 1	P 2	P 3
Pass Band Freq.	1710-1785 MHz	1805-1880 MHz	1920-1980 MHz
Center Freq.(F0)	1747.5 MHz	1842.5 MHz	1950 MHz
Insertion Loss	≤1.0 dB	≤1.3 dB	≤1.0 dB
Pass Band Ripple	≤0.6 dB	≤0.8 dB	≤0.6 dB
Return Loss	≥15 dB	≥18 dB	≥18 dB
Stop band Rejection	≥60 dB @ 1805-1980 MHz	≥60dB @ DC ~ 1785MHz ≥60 dB @ 1920-1980 MHz	≥60 dB @ DC-1880 MHz
Power Handling	≤30 W		
Impedance	50 Ω		
Environmental Characteristics			
1	Operating Temperature	0°C to +50°C	
Mechanical Characteristics			
1	Connectors	SMA Female	
2	Surface Finishing	Black Painted Finish	
3	Dimensions ¹	178×121×31 mm / [7.01×4.76×1.22 in]	
4	weight	890 g	

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



Note 1: Excluding Connectors