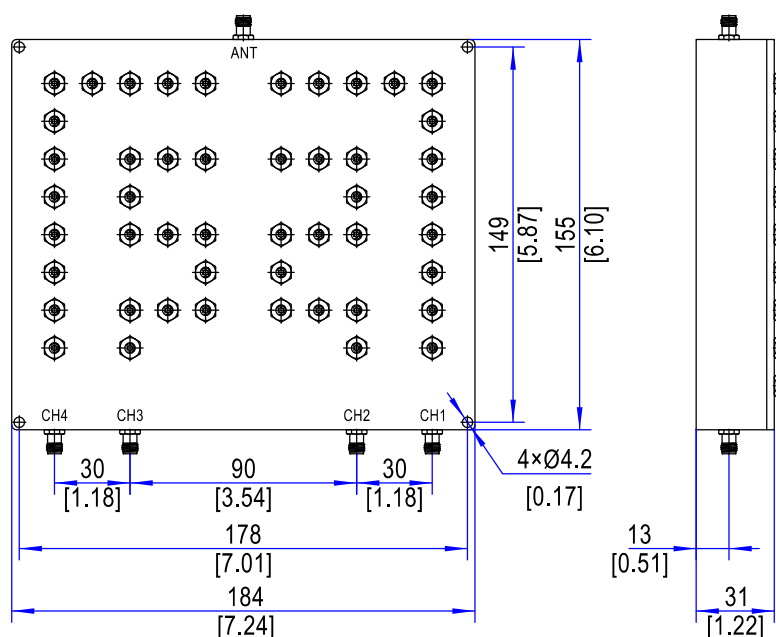


YSQPLX40-1R745-2R17-S

1.745-2.17 GHz Cavity Quadplexer, 40 W, SMA Connector

Electrical Specifications				
Parameters	CH 1	CH 2	CH 3	CH 4
Pass Band Freq.	1745-1780 MHz	1840-1875 MHz	1920-1980 MHz	2110-2170 MHz
Center Freq.(F0)	1762.5 MHz	1857.5 MHz	1950 MHz	2140 MHz
Insertion Loss	≤1.5 dB	≤1.5 dB	≤1.5 dB	≤1.5 dB
Pass Band Ripple	≤1.0 dB	≤1.0 dB	≤1.0 dB	≤1.0 dB
Pass Band VSWR	≤1.5: 1	≤1.5: 1	≤1.5: 1	≤1.5: 1
Stop band Rejection	≥60 dB @ 1840-2170 MHz	≥60 dB @ 1745-1780 MHz ≥60 dB @ 1920-2170 MHz	≥60 dB @ 1745-1875 MHz ≥60 dB @ 2110-2170 MHz	≥60 dB @1745-1980 MHz
Power Handling	≤40 W			
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	184×155×31 mm / [7.24×6.10×1.22 in]		
4	weight	1170 g		

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



Note 1: Excluding Connectors