

Commercial Bands/Public Safety/C-Band Triplexer

STXS-CCP

This is a Triplexer designed to combine Commercial Bands below 3 GHz, all the Public Safety bands, and C-Band signals from 3450 to 3980 MHz. In particular, to enhance isolation between the Public Safety and Commercial bands, an internal band-rejection filter is incorporated to minimize potential interference between the two ports.

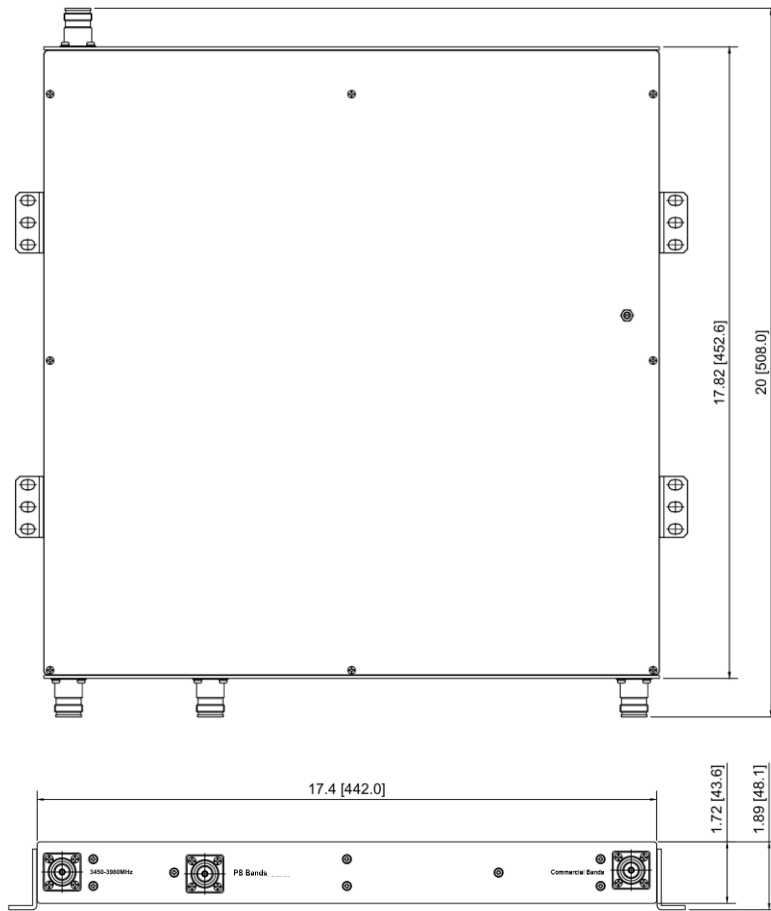
- Triplexer for sub 3GHz Commercial Bands, Public Safety Bands and C-Band
- Band rejection filters are incorporated to provide enhanced port isolation between the Public Safety and Commercial bands
- 35dB Port Isolation
- Wall & Rack Mountable
- Outdoor IP67 Rated
- Red Color



Parameter		Specifications									
Model		STXS-CCP									
Input Port Number		Commercial Bands				Public Safety Bands				C-Band	
Freq. Range [MHz]		699-768	777-798	817-849	862-894	1710-2690	769-775	799-816	851-861	896-935	3450-3980
Insertion Loss [dB] Max.	Center Freq.	1.0	1.6	1.5	1.5	0.5	3.0	2.0	2.5	1.0	0.5
	Edge Freq.	8.1	8.3	8.3	8.4	1.0	8.3	8.3	8.6	4.0	1.0
Return Loss [dB]		18									
Port Isolation [dB]		35									
Power Rating [W]		100				20				40	
PIM [dBc]		-153 @ UL Bands (40dBm x 2 tones)									
IP Rating		IP54									
Operating Temp. [°F]		-4 to +158									
RF Connector		4.3-10 Female									
Size (W x H x D)		17.4" x 17.82" x 1.72"									
Weight [lb]		28									

* Specifications are subject to change without prior notification.

Mechanical Drawing



Inch [mm]