

## TPX-21x-CC

Triplexer | 698-960/1710-1880/1920-2690 MHz | Single / Twin Unit | Outdoor

- Combines 698-960/1710-1880/1920-2690 MHz into a single output
- Low PIM, low VSWR
- Small size, light weight
- Pole or wall mounting

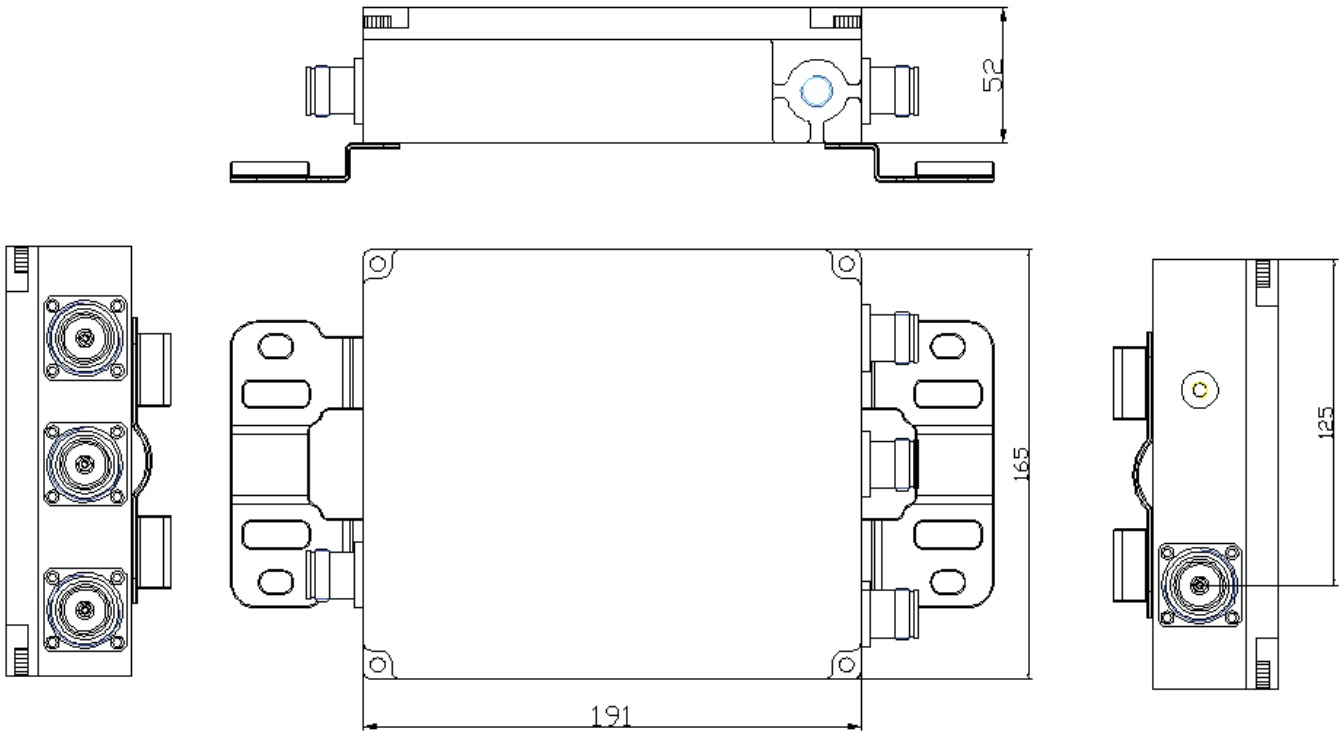
Ordering Options		Single Unit	Twin Unit
When ordering replace "x" with correct option for bypass configuration and single or twin unit.			
Full DC/AISG bypass		TPX-212-CC	TPX-213-CC
No DC/AISG bypass		TPX-210-CC	TPX-211-CC
Electrical Characteristics			
698-960 MHz Channel (Port 1)			
Frequency Band		698-960 MHz	
Insertion Loss		≤ 0.25 dB	
Isolation		≥ 50 dB	
VSWR (max)		< 1.25	
Continuous Average Power		250 W	
IM3, 2x43 dBm	Maximum	≤ -153 dBc	
	Typical	≤ -155 dBc	
1710-1880 MHz Channel (Port 2)			
Frequency Band		1850-2000 MHz	
Insertion Loss		< 0.2 dB typical (0.3 dB max)	
Isolation		> 50 dB	
VSWR		< 1.25	
Continuous Average Power		< 200 W	
IM3, 2x43 dBm		< -160 dBc	
1920-2690 MHz Channel (Port 3)			
Frequency Band		2300-2700 MHz	
Insertion Loss		< 0.2 dB typical (0.3 dB max)	
Isolation		> 50 dB	
VSWR		< 1.25	
Continuous Average Power		< 200 W	
IM3, 2x43 dBm		< -160 dBc	
General Characteristics			
Impedance		50Ω	
Environmental			
Temperature Range		-20° to +60° C	-40° to 140° F
Ingress Protection		IP67	
Environmental Humidity		5-97%	
Lightning Protection		3 kA, 10/350 μs pulse	
Application		Outdoor	

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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Mechanical Characteristics		
Connectors	7/16-DIN Female	
Dimensions without Connectors or Mounting Brackets (H x W x D)	191 x 165 x 52 mm	7.5 x 6.5 x 2.0 in
Mounting Options	Description	
Mounting	Pole or Wall Mount	
Dimensions		



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