

## PPX-16x-CC

Pentaplexer | 700+800+900/ 1800 / 2100 / 2300 / 2600 | Single and Twin Units | Indoor / Outdoor

- Combines five bands 700+800+900/1800/2100/2300/2600 into a single output
- Usable at BTS or antenna end
- Built in lightning protection on all ports
- Available as single or twin unit, with various DC/AISG bypass configurations
- Suitable for indoor or outdoor applications
- Pole or wall mounting

**NO  
IMAGE  
AVAILABLE**

**COMING  
SOON**

Ordering Options	Single Unit		Twin Unit	
	7/16-DIN Female Connectors	4.3-10 Female Connectors	7/16-DIN Female Connectors	4.3-10 Female Connectors

When ordering replace "x" with correct option for bypass configuration and single or twin unit.

DC/AISG bypass 2600 port	PPX-1612-CC	PPX-1612-CC-43F	PPX-1613-CC	PPX-1613-CC-43F
No DC/AISG bypass	PPX-160-CC	PPX-160-CC-43F	PPX-161-CC	PPX-161-CC-43F

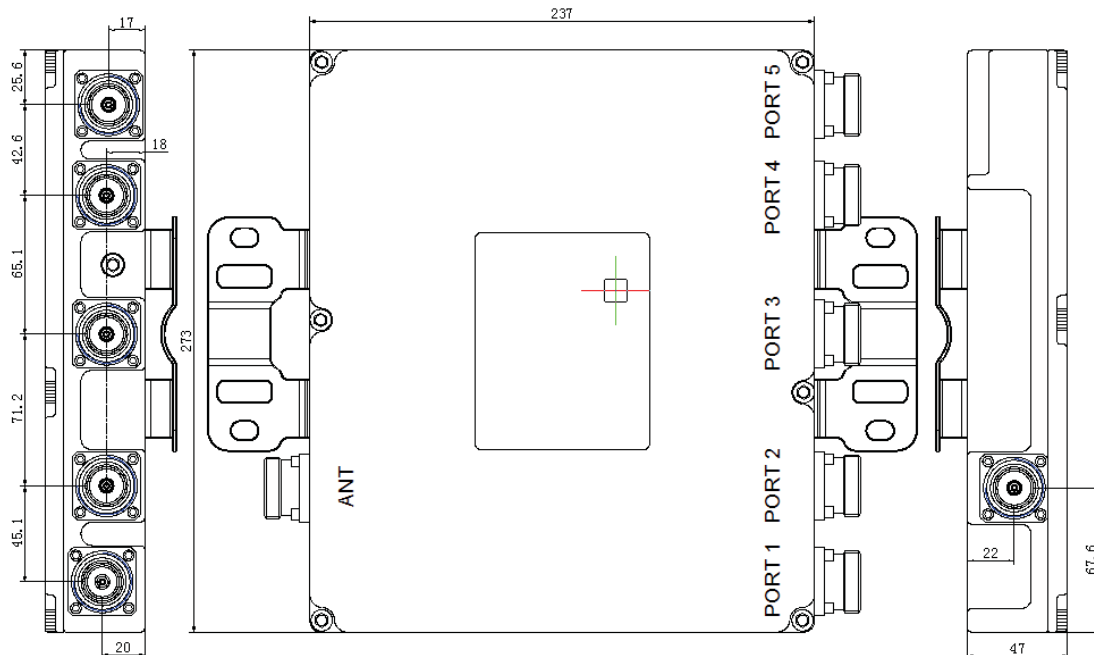
Electrical Characteristics	
<b>800 Channel (Port 1)</b>	
Frequency Band	678-960 MHz
Coupling Loss	0.5 ± 0.1 dB
Isolation	≥ 50 dB
Return Loss	≥ 19 dB
Handling Power	200 W
Peak Power	1000 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω
<b>900 Channel (Port 2)</b>	
Frequency Band	1710-1880 MHz
Coupling Loss	0.5 ± 0.1 dB
Isolation	> 50 dB
Return Loss	≥ 19 dB
Handling Power	200 W
Peak Power	1000 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω
<b>1800 Channel (Port 3)</b>	
Frequency Band	1920-2170 MHz
Coupling Loss	0.5 ± 0.1 dB
Isolation	> 50 dB
Return Loss	≥ 19 dB
Handling Power	200 W
Peak Power	1000 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω
<b>2100 Channel (Port 4)</b>	
Frequency Band	2300-2390 MHz
Coupling Loss	0.5 ± 0.1 dB
Isolation	> 50 dB
Return Loss	≥ 19 dB
Handling Power	200 W
Peak Power	1000 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω

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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2600 Channel (Port 5)		
Frequency Band	2500-2690 MHz	
Coupling Loss	0.5 ± 0.1 dB	
Isolation	> 50 dB	
Return Loss	≥ 19 dB	
Handling Power	200 W	
Peak Power	1000 W	
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc	
Impedance	50Ω	
General		
DC/AISG Pass	Yes, ports that do not bypass DC/AISG are DC grounded	
Environmental		
Temperature Range	-10° to +60° C	-14° to 140° F
Operating Humidity	95%	
Ingress Protection	IP65	
Application	Indoor / Outdoor	
Mechanical Characteristics		
Connectors	7/16-DIN Female or 4.3-10 Female	
Single Unit Dimensions (H x W x D)	273 x 237 x 47 mm	10.7 x 9.3 x 1.9 in
Single Unit Weight	≤ 5 kg	≤ 11.0 lbs



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