

PPX-15x-JJ

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

- Combines five bands 800/900/1800/2100/2600 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

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 800 port	PPX-154-JJ	PPX-154-JJ-43F	PPX-155-JJ	PPX-155-JJ-43F
DC/AISG bypass 900 port	PPX-156-JJ	PPX-156-JJ-43F	PPX-157-JJ	PPX-157-JJ-43F
DC/AISG bypass 1800 port	PPX-158-JJ	PPX-158-JJ-43F	PPX-159-JJ	PPX-159-JJ-43F
DC/AISG bypass 2100 port	PPX-1510-JJ	PPX-1510-JJ-43F	PPX-1511-JJ	PPX-1511-JJ-43F
DC/AISG bypass 2600 port	PPX-1512-JJ	PPX-1512-JJ-43F	PPX-1513-JJ	PPX-1513-JJ-43F
Full DC/AISG bypass	PPX-152-JJ	PPX-152-JJ-43F	PPX-153-JJ	PPX-153-JJ-43F
Electrical Characteristics				
800 Channel (Port 1)				
Frequency Band	790-862 MHz			
Insertion Loss	< 0.45 dB			
Isolation	> 50 dB			
VSWR	< 1.25			
Continuous Average Power	< 300 W			
Intermodulation, 2x43 dBm TX Carrier, IM3	< -117 dBm			
900 Channel (Port 2)				
Frequency Band	880-960 MHz			
Insertion Loss	< 0.45 dB			
Isolation	> 50 dB			
VSWR	< 1.25			
Continuous Average Power	< 300 W			
Intermodulation, 2x43 dBm TX Carrier, IM3	< -117 dBm			
1800 Channel (Port 3)				
Frequency Band	1710-1880 MHz			
Insertion Loss	< 0.3 dB			
Isolation	> 50 dB			
VSWR	< 1.25			
Continuous Average Power	< 300 W			
Intermodulation, 2x43 dBm TX Carrier, IM3	< -117 dBm			
2100 Channel (Port 4)				
Frequency Band	1920-2170 MHz			
Insertion Loss	< 0.3 dB			
Isolation	> 50 dB			
VSWR	< 1.25			
Continuous Average Power	< 300 W			
Intermodulation, 2x43 dBm TX Carrier, IM3	< -117 dBm			

**NO
IMAGE
AVAILABLE**

**COMING
SOON**

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		2490-2690 MHz	
Insertion Loss		< 0.35 dB	
Isolation		> 50 dB	
VSWR		< 1.25	
Continuous Average Power		< 300 W	
Intermodulation, 2x43 dBm TX Carrier, IM3		< -117 dBm	
General			
Bypass Rating		2500 mA (max)	
DC/AISG Pass		Yes, ports that do not bypass DC/AISG are DC grounded	
Environmental			
Temperature Range		-40° to +65° C	-40° to 149° F
Ingress Protection		IP67	
Lightning Protection		10 kA 8/20 μ s	
Application		Indoor / Outdoor	
Mechanical Characteristics			
Connectors		7/16-DIN Female or 4.3-10 Female	
Dimensions (H x W x D)	Single Unit	230 x 250 x 52 mm	9.1 x 9.8 x 2.0 in
	Twin Unit	230 x 250 x 112 mm	9.1 x 9.8 x 4.4 in
Weight	Single Unit	4.5 kg	9.4 lbs
	Twin Unit	8.5 kg	18.7 lbs
Packing Characteristics			
Packing Dimensions (L x W x D)	Single Unit	390 x 340 x 205 mm	15.4 x 13.4 x 8.1 in
	Twin Unit	390 x 340 x 265 mm	15.4 x 13.4 x 10.4 in
Mounting Options		Description	
Pole / Wall Bracket (Included)		Attach to pole diameter \varnothing 40- \varnothing 135 mm (\varnothing 1.57- \varnothing 5.3 in)	

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