

PPX-170-CC

Pentaplexer | 900 / 1800 / 2100 / 2600+2700 / 2500TDD | Single Unit | No DC Bypass | Outdoor

- Combines five bands 900/1800/2100/2600+2700/2500TDD into a single output
- Usable at BTS or antenna end
- Built in lightning protection on all ports
- Suitable for outdoor applications
- Pole or wall mounting

**NO
IMAGE
AVAILABLE**

**COMING
SOON**

Electrical Characteristics	
900 Channel (Port 1)	
Frequency Band	800-960 MHz
Insertion Loss	≤ 2.0 dB
Isolation	≥ 50 dB
VSWR	≤ 1.25
Continuous Average Power (per input)	100 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω
1800 Channel (Port 2)	
Frequency Band	1710-1880 MHz
Insertion Loss	≤ 2.0 dB
Isolation	≥ 50 dB
VSWR	≤ 1.25
Continuous Average Power (per input)	100 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω
2100 Channel (Port 3)	
Frequency Band	1920-2170 MHz
Insertion Loss	≤ 2.0 dB
Isolation	≥ 50 dB
VSWR	≤ 1.25
Continuous Average Power (per input)	100 W
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc
Impedance	50Ω
2600+2700 Channel (Port 4)	
Frequency Band	2540-2560 & 2660-2680 MHz
Insertion Loss	≤ 2.0 dB
Isolation	≥ 50 dB
VSWR	≤ 1.25
Continuous Average Power (per input)	100 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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2500 TDD Channel (Port 5)		
Frequency Band	2570-2620 MHz	
Insertion Loss	≤ 2.0 dB	
Isolation	> 50 dB	
VSWR	≤ 1.25	
Continuous Average Power (per input)	100 W	
Intermodulation, 2x43 dBm TX Carrier	≤ -155 dBc	
Impedance	50Ω	
Environmental		
Temperature Range	-40° to +65° C	-40° to 149° F
Operating Humidity	5-97%	
Ingress Protection	IP65	
Application	Outdoor	
Lightning Protection	3 kA, 10/350 μs pulse	
Mechanical Characteristics		
Connectors	7/16-DIN Female	
Dimensions (H x W x D)	240 x 220 x 64 mm	9.4 x 8.7 x 2.5 in
Weight	4.5 kg	9.9 lbs
Material Characteristics		
Cavity Material	Silver-Plated Aluminum	
Connector Material	Copper	
Mounting Characteristics		
Mounting	Pole or Wall Mount	

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