

QPX-11x-JJ

Quadruplexer | 1800/2100/2300/2600 | Single and Twin Units | Indoor / Outdoor

- Combines 1800, 2100, 2300 and 2600 MHz into a single output
- Usable at BTS or antenna end
- 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 from common to 1800 port	QPX-1112-JJ	QPX-1112-JJ-43F	QPX-1113-JJ	QPX-1113-JJ-43F
DC/AISG bypass from common to 2100 port	QPX-1114-JJ	QPX-1114-JJ-43F	QPX-1115-JJ	QPX-1115-JJ-43F
DC/AISG bypass from common to 2300 port	QPX-114-JJ	QPX-114-JJ-43F	QPX-115-JJ	QPX-115-JJ-43F
DC/AISG bypass from common to 2600 port	QPX-116-JJ	QPX-116-JJ-43F	QPX-117-JJ	QPX-117-JJ-43F
Full DC/AISG bypass	QPX-112-JJ	QPX-112-JJ-43F	QPX-113-JJ	QPX-113-JJ-43F
No DC/AISG bypass	QPX-110-JJ	QPX-110-JJ-43F	QPX-111-JJ	QPX-111-JJ-43F

Electrical Characteristics	
1800 Channel (Port 1) - Common	
Frequency Band	1710-1880 MHz
Insertion Loss	< 0.3 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm TX Carrier	< -117 dBm
2100 Channel (Port 2) - Common	
Frequency Band	1920-2170 MHz
Insertion Loss	< 0.3 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm TX Carrier	< -117 dBm
2300 Channel (Port 3) - Common	
Frequency Band	2300-2390 MHz
Insertion Loss	< 0.3 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm TX Carrier	< -117 dBm
2600 Channel (Port 4) - Common	
Frequency Band	2500-2690 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

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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General			
Bypass Rating		2500 mA (max)	
Environmental			
Temperature Range		-40° to +65° C	-40° to 149° F
Ingress Protection		IP67	
Lightning Protection		10 kA 8/20µs	
Application		Indoor / Outdoor	
Mechanical Characteristics			
Connectors		7/16-DIN Female or 4.3-10 Female	
Dimensions without connectors or brackets (L x W x D)	Single Unit	230 x 220 x 52 mm	9.1 x 8.7 x 2.0 in
	Twin Unit	230 x 220 x 112 mm	9.1 x 8.7 x 4.4 in
Weight	Single Unit	4.2 kg	9.3 lbs
	Twin Unit	8 kg	17.6 lbs
Packing Dimensions	Single Unit	390 x 310 x 205 mm	15.4 x 12.2 x 8.1 in
	Twin Unit	390 x 310 x 265 mm	15.4 x 12.2 x 10.4 in
Mounting Options		Description	
Pole / Wall Bracket (included)		Attach to pole diameter Ø40-Ø135 mm (Ø1.57-Ø5.3 in)	

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