

QPX-55x-JJ

Quadruplexer | 690-960/1710-1880/1920-2200/2300-2700 MHz | Single and Twin Units | Indoor / Outdoor

- Combines four bands into a single output
- Usable at BTS or antenna end
- Built in lightning protection on all ports
- Available as single or twin unit
- Suitable for indoor or outdoor applications



Ordering Options	Single Unit	Twin Unit
When ordering replace "x" with correct option for bypass configuration and single or twin unit.		
No DC/AISG bypass	QPX-550-JJ	QPX-551-JJ
Electrical Characteristics		
690-960 MHz Channel (Port 1)		
Frequency Band	690-960 MHz	
Insertion Loss	< 0.3 dB	
VSWR	< 1.25	
Isolation	> 80 dB	
Input Power	< 300 W	
IM3, 2x43 dBm	< -117 dBm	
1710-1880 MHz Channel (Port 2)		
Frequency Band	1710-1880 MHz	
Insertion Loss	< 0.4 dB	
VSWR	< 1.25	
Isolation	> 80 dB	
Input Power	< 300 W	
IM3, 2x43 dBm	< -117 dBm	
1920-2200 MHz Channel (Port 3)		
Frequency Band	1920-2200 MHz	
Insertion Loss	< 0.4 dB	
VSWR	< 1.25	
Isolation	> 80 dB	
Input Power	< 300 W	
IM3, 2x43 dBm	< -117 dBm	
2300-2700 MHz Channel (Port 4)		
Frequency Band	2300-2700 MHz	
Insertion Loss	< 0.3 dB	
VSWR	< 1.25	
Isolation	> 80 dB	
Input Power	< 300 W	
IM3, 2x43 dBm	< -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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Environmental Characteristics			
Operating Temperature		-40° to +65° C (-40° to 149° F)	
Application		Indoor / Outdoor	
IP Rating		IP67	
Lightning Protection		10kA (8/20µs)	
Mechanical Characteristics			
Connectors		7/16-DIN Female Long Neck	
Dimensions (H x W x D) Without Connectors or Mounting Brackets	Single Unit	250 x 196 x 50.5 mm	9.8 x 7.7 x 2.0 in
	Twin Unit	250 x 196 x 105 mm	9.8 x 7.7 x 4.1 in
Weight	Single Unit	4.8 kg	10.6 lbs
	Twin Unit	9 kg	19.8 lbs
Packing Dimensions	Single Unit	370 x 310 x 205 mm	14.6 x 12.2 x 8.1 in
	Twin Unit	370 x 310 x 265 mm	14.6 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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