

DPX-27x-JJ

Diplexer | 555-806 MHz/824-960 MHz | Single and Twin Units | Indoor / Outdoor

- Combines the 555-806 MHz and 824-960 MHz bands into a single output
- Usable at the 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
When ordering replace "x" with correct option for bypass configuration and single or twin unit.		
DC/AISG bypass low band	DPX-276-JJ	DPX-277-JJ
DC/AISG bypass high band	DPX-274-JJ	DPX-275-JJ
Full DC/AISG bypass	DPX-272-JJ	DPX-273-JJ
Electrical Characteristics		
555-806 MHz Channel (Low Band)		
Frequency Band	555-806 MHz	
Insertion Loss	< 0.4 dB (typical 0.25 dB)	
Isolation	> 50 dB	
VSWR	< 1.25	
Continuous Average Power	< 200 W	
IM3, 2x43 dBm	< -117 dBm	
824-960 MHz Channel (High Band)		
Frequency Band	824-960 MHz	
Insertion Loss	< 0.5 dB (typical 0.25 dB)	
Isolation	> 50 dB	
VSWR	< 1.25	
Continuous Average Power	< 200 W	
IM3, 2x43 dBm	< -117 dBm	
DC/AISG Transparency		
Bypass	2500 mA (max)	
Environmental		
Temperature Range	-40° to +65° C	-40° to +149° F
Ingress Protection	IP67	
Lightning Protection	10 kA 8/20 μs	
Application	Indoor / Outdoor	

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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Mechanical Characteristics			
Connectors		7/16-DIN Female, Long Neck	
Dimensions (H x W x D) Without Connectors or Mounting Brackets	Single Unit	230 x 173 x 55 mm	9.1 x 6.8 x 2.2 in
	Twin Unit	230 x 173 x 115 mm	9.1 x 6.8 x 4.5 in
Weight	Single Unit	3.6 kg	7.9 lbs
	Twin Unit	7.4 kg	16.3 lbs
Packing Dimensions	Single Unit	400 x 310 x 210 mm	15.7 x 12.2 x 8.3 in
	Twin Unit	400 x 310 x 270 mm	15.7 x 12.2 x 10.6 in
Mounting Options		Description	
Pole / Wall Bracket (included)		Attach to pole diameter Ø40-Ø135 mm (Ø1.57-Ø5.3 in)	

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