

## DPX-11x-JJ

Diplexer | 1800/2100 | Single and Twin Units | Indoor / Outdoor

- 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	
	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 high band only	DPX-110-JJ	DPX-110-JJ-43F	DPX-111-JJ	DPX-111-JJ-43F
DC/AISG bypass from common to low band	DPX-114-JJ	DPX-114-JJ-43F	DPX-115-JJ	DPX-115-JJ-43F
Full DC/AISG bypass	DPX-112-JJ	DPX-112-JJ-43F	DPX-113-JJ	DPX-113-JJ-43F
No DC/AISG Bypass	DPX-116-JJ	---	DPX-117-JJ	---



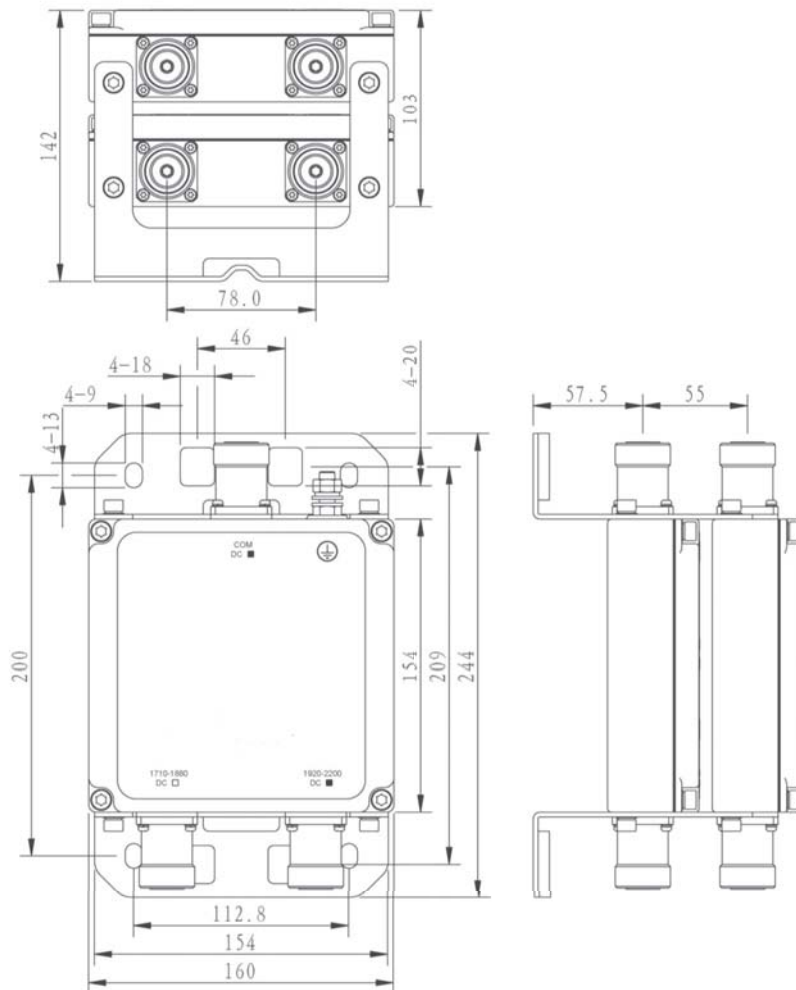
Electrical Characteristics	
<b>1800 Channel (Low Band)</b>	
Frequency Band	1710-1880 MHz
Insertion Loss	< 0.25 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
<b>2100 Channel (High Band)</b>	
Frequency Band	1920-2200 MHz
Insertion Loss	< 0.25 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
<b>DC/AISG Transparency</b>	
Bypass	2500 mA (max)
<b>Environmental</b>	
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 or 4.3-10 Female	
Dimensions (H x W x D) Without Connectors or Mounting Brackets	Single Unit	160 x 154 x 49 mm	6.3 x 6.0 x 1.9 in
	Twin Unit	160 x 154 x 103 mm	6.3 x 6.0 x 4.1 in
Weight	Single Unit	3.0 kg	6.6 lbs
	Twin Unit	5.8 kg	12.8 lbs
Packing Dimensions	Single Unit	330 x 245 x 166 mm	13.0 x 9.6 x 6.5 in
	Twin Unit	330 x 245 x 220 mm	13.0 x 9.6 x 8.7 in
Mounting Options		Description	
Pole / Wall Bracket (included)		Attach to pole diameter Ø40-Ø135 mm (Ø1.57-Ø5.3 in)	
Dimensions (Twin unit with 7/16-DIN connectors)			



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