

## TPX-11x-JJ

Triplexer | 700+800+900 / 1800+2100 / 2300+2600 | Single and Twin Units | Indoor / Outdoor

- Combines 700+800+900, 1800+2100 and 2300+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 2300+2600 port	TPX-112-JJ	TPX-112-JJ-43F	TPX-113-JJ	TPX-113-JJ-43F
DC/AISG bypass from common to 1800+2100 port	TPX-110-JJ	TPX-110-JJ-43F	TPX-111-JJ	TPX-111-JJ-43F
DC/AISG bypass from common to 700+800+900 port	TPX-118-JJ	TPX-118-JJ-43F	TPX-119-JJ	TPX-119-JJ-43F
Full DC/AISG bypass	TPX-114-JJ	TPX-114-JJ-43F	TPX-115-JJ	TPX-115-JJ-43F
No DC/AISG bypass	TPX-116-JJ	---	TPX-117-JJ	---

Electrical Characteristics	
<b>700+800+900 Channel (Port 1)</b>	
Frequency Band	690-960 MHz
Insertion Loss	< 0.2 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
<b>1800+2100 Channel (Port 2)</b>	
Frequency Band	1695-2200 MHz
Insertion Loss	< 0.3 dB
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
<b>2300+2600 Channel (Port 3)</b>	
Frequency Band	2300-2700 MHz
Insertion Loss	< 0.3 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
<b>DC/AISG Transparency</b>	
Bypass Rating	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	196 x 190 x 53 mm	7.7 x 7.5 x 2.1 in
	Twin Unit	196 x 190 x 112 mm	7.7 x 7.5 x 4.4 in
Weight	Single Unit	3.8 kg	8.4 lbs
	Twin Unit	7 kg	15.4 lbs
Packing Dimensions	Single Unit	335 x 405 x 206 mm	13.2 x 15.9 x 8.1 in
	Twin Unit	335 x 405 x 265 mm	13.2 x 15.9 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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