

TPX-21x-JJ

Triplexer | 1700+2100 / 1900 / 2600 | Single and Twin Units | Indoor / Outdoor

- Combines 1700+2100 / 1900 / 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 1700+2100 port (Port 1 to Port 4)	TPX-214-JJ	TPX-214-JJ-43F	TPX-215-JJ	TPX-215-JJ-43F
DC/AISG bypass 1900 port (Port 2 to Port 4)	TPX-216-JJ	TPX-216-JJ-43F	TPX-217-JJ	TPX-217-JJ-43F
DC/AISG bypass 2600 port (Port 3 to Port 4)	TPX-218-JJ	TPX-218-JJ-43F	TPX-219-JJ	TPX-219-JJ-43F
Full DC/AISG bypass	TPX-212-JJ	TPX-212-JJ-43F	TPX-213-JJ	TPX-213-JJ-43F
No DC/AISG bypass	TPX-210-JJ	TPX-210-JJ-43F	TPX-211-JJ	TPX-211-JJ-43F

Electrical Characteristics	
1700+2100 Channel (Port 1)	
Frequency Band	1695-1780 & 2110-2200 MHz
Insertion Loss (Port 1 to Port 4)	< 0.2 dB typical (0.35 dB max)
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 200 W
IM3, 2x43 dBm	< -160 dBc
2100 Channel (Port 2)	
Frequency Band	1850-2000 MHz
Insertion Loss (Port 2 to Port 4)	< 0.2 dB typical (0.3 dB max)
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 200 W
IM3, 2x43 dBm	< -160 dBc
2600 Channel (Port 3)	
Frequency Band	2300-2700 MHz
Insertion Loss (Port 3 to Port 4)	< 0.2 dB typical (0.3 dB max)
Isolation	> 50 dB
VSWR	< 1.25
Continuous Average Power	< 200 W
IM3, 2x43 dBm	< -160 dBc
DC/AISG Transparency	
Bypass Rating	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		4.3-10 Female Long Neck or 7/16-DIN Female Long Neck	
Dimensions (H x W x D) Without Connectors or Mounting Brackets	Single Unit	200 x 180 x 50 mm	7.9 x 7.1 x 2.0 in
	Twin Unit	200 x 180 x 105 mm	7.9 x 7.1 x 4.1 in
Weight	Single Unit	3.2 kg	7.1 lbs
	Twin Unit	6.5 kg	14.3 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		Attach to pole diameter Ø40-Ø135 mm (Ø1.57-Ø5.3 in)	

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