

TPX-12x-JJ

Triplexer | 1800 / 2100 / 2600 | Single and Twin Units | Indoor / Outdoor

- Combines 1800 / 2100 / 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 1800 port (Port 1 to Port 4)	TPX-126-JJ	TPX-126-JJ-43F	TPX-127-JJ	TPX-127-JJ-43F
DC/AISG bypass 2100 port (Port 2 to Port 4)	TPX-120-JJ	TPX-120-JJ-43F	TPX-121-JJ	TPX-121-JJ-43F
DC/AISG bypass 2600 port (Port 3 to Port 4)	TPX-122-JJ	TPX-122-JJ-43F	TPX-123-JJ	TPX-123-JJ-43F
Full DC/AISG bypass	TPX-124-JJ	TPX-124-JJ-43F	TPX-125-JJ	TPX-125-JJ-43F

Electrical Characteristics	
1800 Channel (Port 1)	
Frequency Band	1710-1880 MHz
Insertion Loss (Port 1 to Port 4)	< 0.3 (typ. 0.1 dB)
Isolation	> 45 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
2100 Channel (Port 2)	
Frequency Band	1920-2200 MHz
Insertion Loss (Port 2 to Port 4)	< 0.3 (typ. 0.1 dB)
Isolation	> 45 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
2600 Channel (Port 3)	
Frequency Band	2300-2700 MHz
Insertion Loss (Port 3 to Port 4)	< 0.3 (typ. 0.1 dB)
Isolation	> 45 dB
VSWR	< 1.25
Continuous Average Power	< 300 W
IM3, 2x43 dBm	< -117 dBm
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		7/16-DIN Female or 4.3-10 Female	
Dimensions (H x W x D) Without Connectors and without Mounting Brackets	Single Unit	235 x 216 x 46 mm	9.3 x 8.5 x 1.8 in
	Twin Unit	235 x 216 x 97 mm	9.3 x 8.5 x 3.8 in
Weight	Single Unit	3.5 kg	7.7 lbs
	Twin Unit	6.9 kg	15.2 lbs
Packing Dimensions	Single Unit	390 x 310 x 130 mm	15.4 x 12.2 x 5.1 in
	Twin Unit	390 x 310 x 180 mm	15.4 x 12.2 x 7.1 in
Mounting Options		Description	
Pole / Wall Bracket		Attach to pole diameter Ø40-Ø135 mm (Ø1.57-Ø5.3 in)	

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