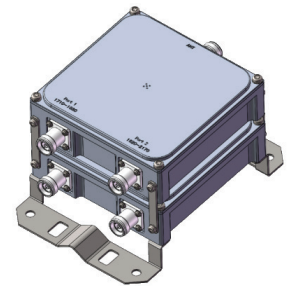


DPX-11x-JJ-43Fv

Diplexer | 1800/2100 | Single Unit / Twin Unit | Indoor / Outdoor

- Built in lightning protection on all ports
- Usable at the BTS or antenna end
- Available as single or twin unit
- Suitable for indoor or outdoor applications
- Pole or wall mounting
- Designed for co-siting purposes

Ordering Options		Single Unit	Twin Unit
No DC/AISG bypass			
Input Connector	Output Connector		
4.3-10 Female	4.3-10 Female	DPX-116-JJ-43Fv	DPX-117-JJ-43Fv
4.3-10 Female	7/16 DIN Female	DPX-116-JJ-43FDFv	DPX-117-JJ-43FDFv



Electrical Characteristics		
Pass Band	Band 1	1710-1880 MHz
	Band 2	1920-2170 MHz
Max Insertion Loss	Port 1 - ANT	≤ 0.35 dB
	Port 2 - ANT	
Mean Insertion Loss	Port 1 - ANT	≤ 0.2 dB
	Port 2 - ANT	
Max Return Loss	Port 1 - ANT	≥ 20 dB
	Port 2 - ANT	
Mean Return Loss	Port 1 - ANT	≥ 18 dB
	Port 2 - ANT	
Passband Ripple	Port 1 - ANT	-0.15 to +0.15
	Port 2 - ANT	
Isolation between input ports	Port 1 - Port 2	≥ 60 dB (1710 - 1880 MHz / 1920 - 2170 MHz)
VSWR		≤ 1.3 (1710 - 1880 MHz / 1920 - 2170 MHz)
Average Power	Port 1, Port 2, ANT	< 300 W
IM3, 2x43 dBm		< -117 dBm
Impedance (Ω)		50
Environmental Characteristics		
Temperature Range	-40° to +60° C	-40° to +140° F
Ingress Protection	IP67	
Lightning Protection	10 kA 8/20 μs	
Application	Indoor / Outdoor	
Salt Fog Standard	IEC 60168-2-11	
Environment Standard	RoHS 2011/65/EU and ISO Certification 901/2015 & 14001/2015	

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Diplexer | 1800/2100 | Single Unit / Twin Unit | Indoor / Outdoor

Mechanical Characteristics			
Connectors		4.3-10 Female	
Dimensions (H x W x D) With Connectors and Mounting Brackets	Single Unit	160.6 x 238.6 x 70.5 mm	6.3 x 9.4 x 2.8 in
	Twin Unit	160.6 x 238.6 x 125 mm	6.3 x 9.4 x 5.0 in
Weight With Connectors and Mounting Brackets	Single Unit	2.6 kg	5.7 lbs
	Twin Unit	4.6 kg	10.1 lbs
Mounting Options		Description	
Wall mounting / Mast mounting		Attach to pole diameter Ø40-Ø120 mm (Ø1.57-Ø4.7 in)	

