

DPX-31x-CC

Diplexer | 698-960 MHz/1710-3800 MHz | Single Unit | Outdoor

- Combines the 698-960 MHz and 1710-3800 MHz bands into a single output
- Usable at the BTS or antenna end
- Built in lightning protection

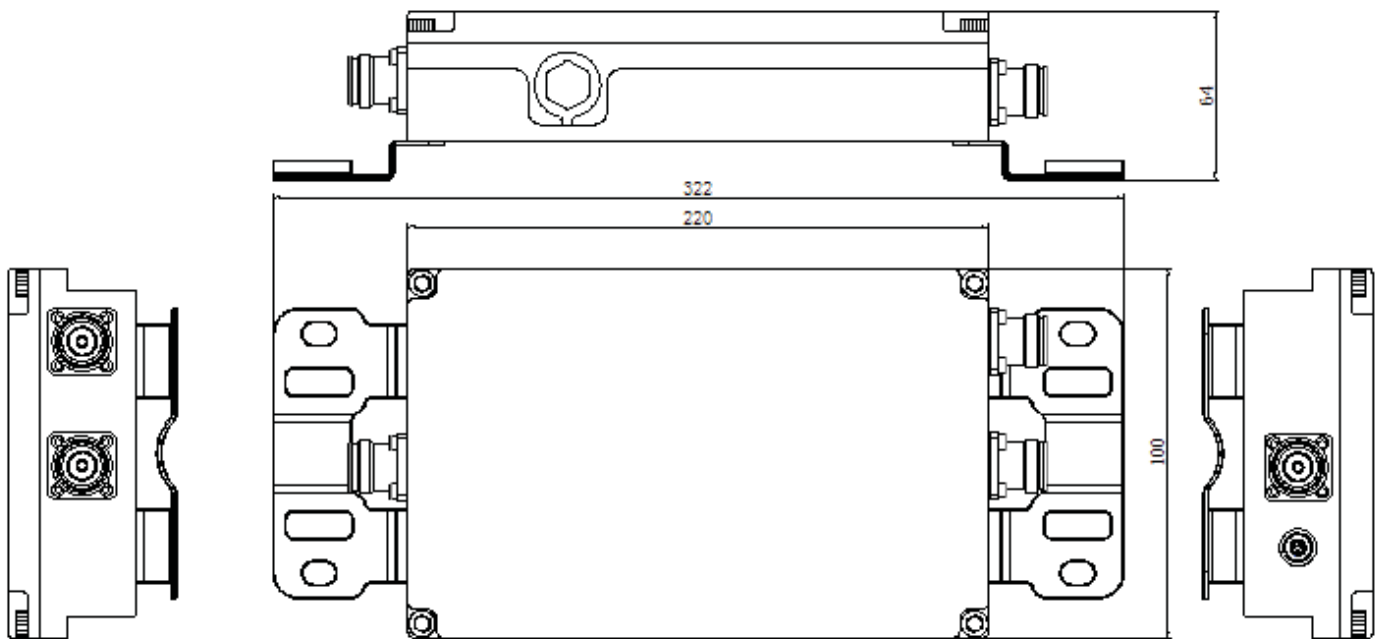
| Ordering Options | | |
|---|---------------------------------|-----------------|
| When ordering replace "x" with correct option for bypass configuration. | | |
| Full DC/AISG bypass | | DPX-312-JJ |
| Electrical Characteristics | | |
| 698-960 MHz Channel (Low Band) | | |
| Frequency Band | 698-960 MHz | |
| Insertion Loss | ≤ 0.5 dB | |
| Isolation | ≥ 50 dB | |
| VSWR | ≤ 1.2 ± 0.1 | |
| Continuous Average Power | 250 W | |
| Impedance | 50Ω | |
| IM3, 2x43 dBm | ≤ -160 dBc | |
| 1710-3800 MHz Channel (High Band) | | |
| Frequency Band | 1710-3800 MHz | |
| Insertion Loss | ≤ 0.5 dB | |
| Isolation | ≥ 50 dB | |
| VSWR | ≤ 1.2 ± 0.1 | |
| Continuous Average Power | 250 W | |
| Impedance | 50Ω | |
| IM3, 2x43 dBm | ≤ -160 dBc | |
| Environmental | | |
| Temperature Range | -35° to +65° C | -31° to +149° F |
| Humidity | 5-97% | |
| Operating Air Pressure | 70-106 kPa | |
| Ingress Protection | IP67 | |
| Lightning Protection | 3 kA 10/350 μs pulse, DC Bypass | |
| Application | 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 | |
| Dimensions (H x W x D) Without Connectors or Mounting Brackets | 220 x 100 x 48 mm | 8.7 x 3.9 x 1.9 in |
| Mounting Characteristics | | |
| Mounting | Pole or Wall Mount | |



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