Twin Diplexer, 1695-2180//2300-2690 MHz, dc bypass all ports, AISG Compatible 1.1-2.0

Product Classification

Product Type: Diplexer

General Specifications

Product Family: CBC1726
Color: Gray
Common Port Label: COMM
Modularity: 2-Twin
Mounting: Pole | Wall
Mounting Pipe Hardware: Band clamps (2)
RF Connector Interface: 7-16 DIN Female
RF Connector Interface Body Style: Long neck

Dimensions

Height: 152.4 mm | 6 in
Width: 123 mm | 4.843 in
Depth: 121.2 mm | 4.772 in
Ground Screw Diameter: 6 mm | 0.236 in
Mounting Pipe Diameter Range: 42.6–122 mm
Outline Drawing

Electrical Specifications

Impedance

50 ohm

License Band, Band Pass

AWS 1700 | DCS 1800 | IMT 2100 | IMT 2600 | PCS 1900 | TDD 1900 | TDD 2000 | TDD 2300 | TDD 2600 | WCS 2300

Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through, combiner

Branch 1 | Branch 2

dc/AISG Pass-through, demultiplexer

Branch 1 | Branch 2

Lightning Surge Current

3 kA

Lightning Surge Current Waveform

10/350 waveform

Voltage

7–30 Vdc
### Electrical Specifications

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**Environmental Specifications**

- **Operating Temperature**: -40 °C to +65 °C (-40 °F to +149 °F)
- **Relative Humidity**: Up to 100%
- **Corrosion Test Method**: IEC 60068-2-11, 30 days
- **Ingress Protection Test Method**: IEC 60529:2001, IP67

**Packaging and Weights**

- **Included**: Mounting hardware
- **Mounting Hardware Weight**: 0.5 kg | 1.102 lb
- **Volume**: 2.3 L
- **Weight, without mounting hardware**: 4.5 kg | 9.921 lb