

Outdoor Diplexer, PIM Rated

CM-IY2-OAI

617-2200MHz/2305-2690 & 3300-4200MHz, Low PIM -161dBc, 4.3-10Female

- Band1: 617-2200MHz, Band2: 2305-2690 & 3300-4200MHz
- Co-siting purpose for feeder sharing.
- High Isolation and high-power handling
- High reliability and low insertion loss



Electrical Specification

Frequency (MHz)	617-2200	2305-2690 & 3300-4200
Insertion Loss (dB)		≤ 0.70
Isolation Between Ports (dB)		≥ 50
Return Loss (dB)		≥ 17. typical 20
PIM (dBc)		≤ -161 @ 2x43dBm
Average Power, max (W)	200@ port 617-200MHz, 100@2305-2690 & 3300-4200MHz	
Impedance (ohm)	50	

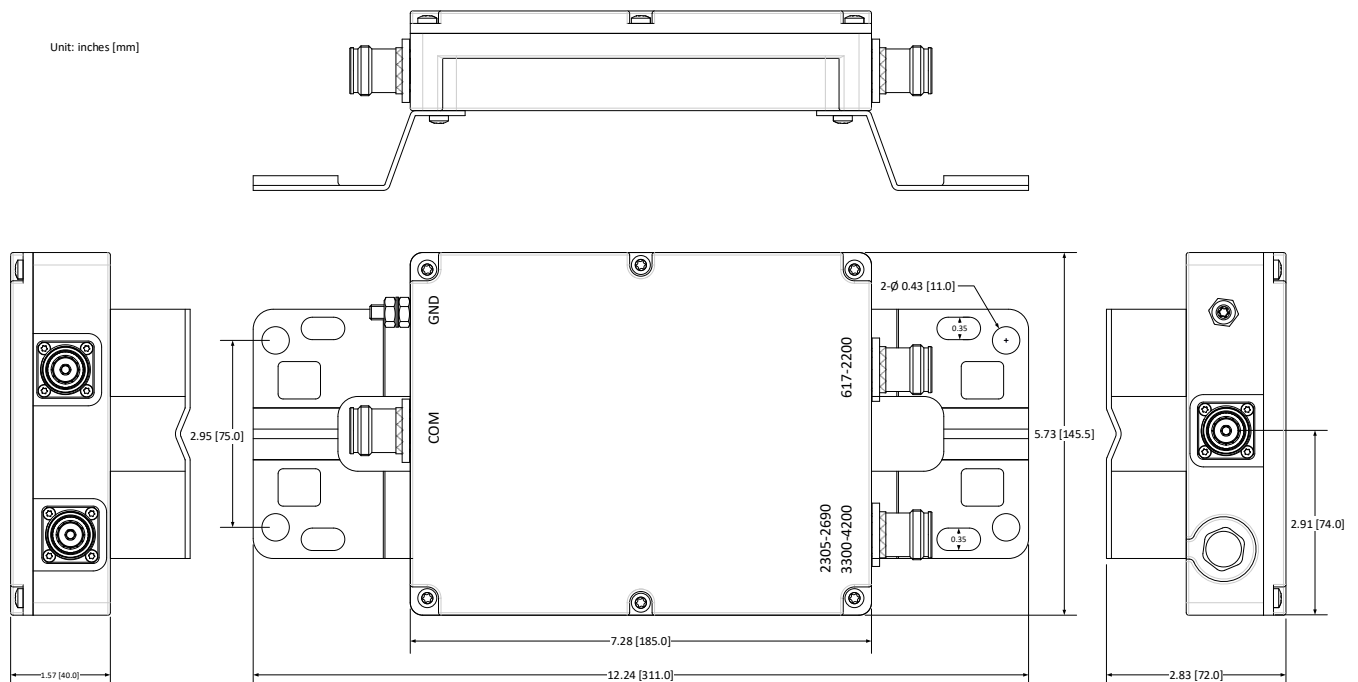
Mechanical Specification

Dimension (in/mm)	7.3x5.7x1.6 / 185.0x145.0x40.0
Weight (lb./kg)	4.1 / 1.85
Shipping Dimension (in/mm)	11.4x7.1x4.3 / 290.0x180.0x110.0
Shipping Weight (lb./kg)	4.5 / 2.04
Connector	4.3-10 Female

Environment & Compliance

Application	Outdoor / Indoor
Operating Temperature	-40°C to +85°C
Environment	IP67
Relative Humidity	Up to 95%
RoHS	Compliant

Outline Drawing



CM-IY2-OAI