

## 1070CKBA - Cluster Management Module

Designed for outdoor installation, the Cluster Management Module introduces network synchronization and reduces both cluster installation costs and time required for installation.

- Discount Pricing
- 8 access ports
- Managed switch
- Reduced cabling
- Power Supply included
- Supplies power (PoE) to associated Access Points, Backhaul Units, and GPS antenna
- 330 Max Cable Feet to Access Point or Backhaul unit
- 100 Max Cable Feet to GPS antenna
- NMale to BNCMale coaxial cable for GPS unit sold separately
- [Surge Suppressor Sold Separately](#)
- [CMM User Guide](#)
- [DTSS White Paper](#)



**Designed to deliver consistent and reliable wireless broadband service, the Canopy system gracefully scales to support large deployments.**

### GPS Synchronization

The heart of the Canopy Network synchronization capability locks all Access points and Backhaul Modules to the satellite derived GPS timing pulse, allowing network operators to re-use frequencies and add capacity while consistently ensuring consistency in the quality of service to customers, resulting in carrier grade service throughout the network.

### Managed Switch

A CMM can be managed with a Network manager using Simple Network Management Protocol (SNMP). Most functionality provided by the CMM's web browser interface is supported by the Canopy Enterprise Management Information Base (MIB)

### Direct Connect to Backhaul Modules

The CMM connects directly with backhaul modules co-located with APs. This saves network operators the time and expense of installing a separate bridge or switch to interconnect radio and backhaul modules.

### Reduced Costs

**Reduced Cabling Between System Modules** There is only one cable going from the CMM to each Access Point (AP) module carrying the Ethernet connection, synchronization pulse and GPS data.

Integration reduces the number of points of potential failure in the module and improves the quality of service by reducing down time, save hundreds of dollars in the labor and material cost of cabling to each of the radios and backhauls. Integrated cabling also reduces the time and costs associated with system troubleshooting and maintenance.

**Canopy PN** • 1070CKBA

**Dimensions** • Approximately 12.00" H x 10.00" W x 3.00" D

**Weight** • Approximately 8 lbs.

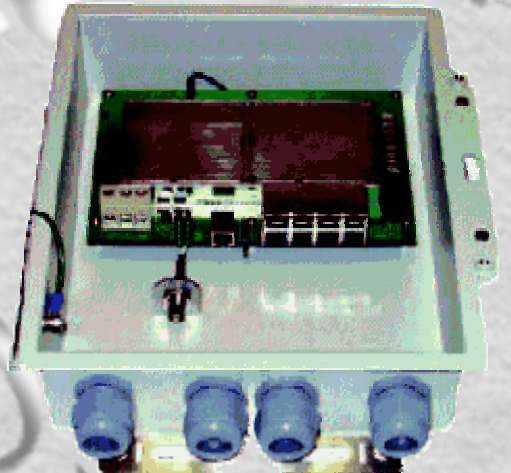
**Internal Power** • 24 VDC @ 0.3 AMP

**External Power** • 115/230 V AC to 24 DC power converter included

**Operating humidity** • :100% condensing

**Operating Temperature:** • -40°C to +55°C -40°F to +131°F

**Internal Connectors** • : RJ45, BNC



**Specifications subject to change without notice**