



Sat-Light Series

G5000 Series Outdoor Enclosure (ODU)



Features & Benefits

- Holds up to 7 Optical Modules
- Hot swappable, Field upgradable modules
- IP 65 Rated Environmental Protection
- Full Remote M&C via Serial or Ethernet
- Gain Control (manual/auto)
- Single/Multi Channel, Uplink or Downlink
- Dual Power Supply
- 1:1 Redundancy (optional)
- LNB Powering
- Optical Multiplexing (optional)
- Optical Splitting
- 10MHz Reference Signal (optional)

Product Description

The Global Foxcom G5000 series Outdoor Unit (ODU) is an advanced modular outdoor enclosure system providing weatherproof protection for any combination of Global Foxcom Fiber Optic Interfacility Links. Global Foxcom's ODU solution eliminates the need for environment-controlled shelters and enables seamless transmission of multiple RF and Data signals between the antenna and indoor control room.

The G5000 series ODU can accommodate up to seven (7) hot-swappable, field upgradable RF optical modules. A variety of passive optical and RF components can be integrated into the enclosure. Other features include 1:1 redundancy, auto/manual gain control, LNB powering and SNMP based monitor and control. The ODU is available with single or dual power supplies. LED indicators are provided on the ODU for power supply status.

The G5000 series is comprised of a premium aluminum unit (G5000), a standard epoxy-painted steel unit (G5500) and a military olive-green aluminum unit (G5005).

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General Characteristics

Enclosure Capacity	Up to 7 TX/RX Units + Ethernet card
Enclosure Size	18" x 12" x 4" (HxWxD)
Enclosure Weight	12Kgm
ODU Color	Cream
RF Connector	F-type Female/N-Type Female
Optical Connector Type	FC-APC (Internal)
Input Power	90 to 260 VAC, 50/60 Hz, 0.5 Amp (max)
Power Consumption	60 Watts (Including six LNB powering)
Operating Temp. Range	-30 to +55°C
Storage Temp. Range	-40 to +85°C
Humidity	Humidity 95%, non-condensing
Dust and Water Protection	IP65

Unit Layout

Customizable modular configuration based on included cards. Seven hot-swappable, field upgradable RF optical modules. Watertight fiber passageway can accommodate an outdoor-rated fiber cable as well as indoor fiber cables as shown.



Ordering Information

Product Part Number	Description
G5500K	G5500 Modular, Hot swappable, IP-65 Outdoor enclosure, Cream colored, holds 7-Hot Swappable Sat-Light Gold RF cards, Internal Splice tray, FC-APC connectors. Includes two 100-220VAC PS.
G5000K	G5000 Aluminum Modular, Hot swappable, IP-65 Outdoor enclosure, Cream colored, holds 7-Hot swappable Sat-Light Gold RF cards, Internal Splice tray, FC-APC connectors. Includes two 100-220VAC PS.
G5005K	G5000K Aluminum Modular, Hot swappable, IP-66 Outdoor enclosure, Olive green colored, holds 7-Hot swappable Sat-Light Gold RF cards, Internal Splice tray, Dual TFOCA II or hermaphroditic optical connector. Includes two 100-220VAC PS.
G6100	G5000 SNMP Management System. Supports all Sat-Light Links. Includes Management Card, Graphical Interface. MIB's mounted only in slot 8 are available per request.
G7110 Power Supply	100-220VAC 50/60Hz PS