



Sat-Light Series

G4000 Series Outdoor Enclosure (ODU)



Features & Benefits

- Holds up to 4 Optical Hot-Swappable, Field-Upgradable modules
- IP 65 Rated Environmental Protection
- Remote Monitoring via Ethernet
- Gain Control (manual/auto)
- Single Power Supply (dual option is available)
- 1:1 Redundancy (optional)
- Switchable LNB Powering
- Optical Multiplexing (optional)

Product Description

The Global Foxcom G4000 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 G4000 series ODU can accommodate up to four (4) 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 a single hot-swappable power supply. An optional, second, hot-swappable power supply is available. LED indicators are provided on the ODU for power supply status.

The G4000 aluminum enclosure provides IP65 protection and is provided with an AC connector cable kit. The G4000 replaces Global Foxcom's previous G4005 ODU.

Sat-Light Gold Series

General Characteristics

Enclosure Capacity	Up to 4 TX/RX Units + Ethernet card/SNMP; Hot-swappable
Enclosure Size	34x29x11.7cm (LxWxH)
Enclosure Weight	5Kgm
ODU Color	Gray
RF Connector	F-type Female/N-Type Female
Optical Connector Type	FC-APC/SC-APC (Internal)
Input Power	90 to 260 VAC, 50/60 Hz, 0.5 Amp (max)
Power Consumption	40 Watts (Including four 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

Connector Layout

Customizable configuration based on included cards. Watertight fiber passageway can accommodate an outdoor-rated fiber cable as well as indoor fiber cables as shown.



Ordering Information

Product Model Number	Description
G4000K	G4000 Aluminum Modular, Hot swappable, IP-65 Outdoor enclosure, Cream colored, holds 4 Hot Swappable Sat-Light Gold RF cards, FC-APC connectors. Includes one 100-220VAC PS.
G6100	G5000 SNMP Management System. Supports all Sat-Light Links. Includes Management Card, Graphical Interface. Public MIBs are mounted only in slot 8.
G7110 Power Supply	100-220VAC 50/60Hz PS