



Sat-Light Series

G4000 VSAT Pro System



Features & Benefits

- Optimized for VSAT Hubs
- Ultra-low RF loss and lightweight
- Protection against lightning damage/ EMI & RFI
- IP65-rated outdoor enclosure with Hot Swappable capabilities
- Both 50 and 75 Ohm versions available
- 10MHz support

Product Description

Foxcom's new fully integrated optical G4000 VSAT Pro solution provides a professional cost effective alternative to coax cable deployments. Harnessing the superior performance of fiber optics, the optical VSAT solution meets the special needs of VSAT service providers and integrators around the globe.

The VSAT fiber optic solution is compact and flexible, making it an ideal solution for VSAT hubs of any size. The kit consists of the G4000 Series Outdoor Unit (ODU), for outdoor support, and the 7190 1RU series chassis and power supply for indoor support. The VSAT fiber solution provides bi-directional L-band transport and a 10MHz reference signal needed for the BUC.

The G4000 ODU is an IP65-rated enclosure with Hot-swap capabilities, which enables the user to easily open the unit to replace or add modules. The G4000 ODU replaces Foxcom's previous G4005 ODU.

NOC's, Hubs, and other satellite facilities deploying Foxcom's VSAT solution, can now enjoy the many benefits that optical fiber has to offer, such as improved signal quality, lightning protection, safety, compatibility and ease of installation.

Sat -Light Series

General Characteristics

m Specifications	
950-2150MHz	
1:1.5	
-40 to –20dBm	
-40 to -20dBm (±1	OdB Adjustable)
22dB	
18V, Optional 13V protected)	(300mA max, short circuit
950-2150MHz	
1:1.5	
-25 to +5dBm	
-25 to –5dBm (±10dB Adjustable)	
25dB	
None	
10MHz	
1:1.8	
-20 to 0dBm	
-15 to +5dBm (±10	dB Adjustable)
3 x SMF-28 or equivalent [single mode]	
1310 ±10nm	
FC-APC	
3Km max.	
Indoor	Outdoor
F-type F/SMA F	F-type F/N-type F
19" Wide 1U Chassis	34Lx29Wx11.7H cm
-10 to +55° C	-20 to +55° C
	1:1.5 -40 to -20dBm -40 to -20dBm (±1 22dB 18V, Optional 13V protected) 950-2150MHz 1:1.5 -25 to +5dBm -25 to -5dBm (±10 25dB None 10MHz 1:1.8 -20 to 0dBm -15 to +5dBm (±10 3 x SMF-28 or equi 1310 ±10nm FC-APC 3Km max. Indoor F-type F/SMA F 19" Wide 1U Chassis

¹ Within optical budget

For more connector options, contact a Foxcom representative.

Ordering Information

Product Part Number	Description
V8015001	G4000 VSAT Pro Bidirectional System, 75 Ohm
V8015002	G4000 VSAT Pro Bidirectional System, 50 Ohm