



## FiberGO VSAT Link



### Features & Benefits

- Easy to install
- Limitless connectivity
- Single Fiber use
- Protection against lightning damage/EMI & RFI
- 10MHz support for BUC

### Product Description

Foxcom's FiberGO system provides a new revolutionary compact low cost fiber solution for VSAT applications. VSAT users are no longer restricted by the limitations of coax cable and can enjoy the many benefits of fiber at a reasonable cost.

The VSAT FiberGO extension system enables the transmission of Bi-directional L-Band and 10MHz reference signals to and from the BUC/LNB via single fiber.

The system is equipped with Power inserter allowing 13/18V to power LNB with optional 22KHz tone and 24V to power the BUC without the use for external complements.

The FiberGO system is compact and weatherproof; the antenna unit is housed in a compact IP65-rated enclosure and is supplied with a pole mount kit

## Specifications

FiberGo Fiber Optic System Specifications		
<b>L-Band Downlink</b>		
Frequency range	950-2150MHz	
ODU input/IDU output VSWR	1:1.5	
Link Gain	Adjustable ±10dB	
Gain Flatness	2.5dBp-p @ full Band, 0.5dB P-p @ 200MHz BW	
RF input signal range [total power]	-50 to -20dBm	
RF output power [total power] <sup>1</sup>	-50 to -20dBm (±10dB Adjustable)	
Noise Figure	25dB	
LNB & 22KHz	Switchable Off/13V/18V, 22KHz Off/On (350mA max, protected)	
<b>L-Band Uplink</b>		
Frequency range	950-2150MHz	
IDU input/ODU output VSWR	1:1.5	
Link Gain	Adjustable ±10dB (within unit operating range)	
Gain Flatness	2.5dBp-p @ full Band, 0.5dB P-p @ 200MHz BW	
IDU RF input signal range [total power]	-20 to 0dBm	
RF output power [total power] <sup>1</sup>	-20 to 0dBm (Adjustable)	
Noise Figure	27dB	
Buc Powering	Fixed 24VDC 4A max	
<b>10 MHz Uplink</b>		
Frequency range	10MHz	
Input/Output VSWR	1:1.8	
IDU RF input signal range [total power]	-5 to +5dBm	
ODU RF Output power <sup>1</sup>	-10 to +5dBm (Adjustable)	
<b>Optical Specifications</b>		
Required fiber type	G.652 or equivalent [single mode]	
Fiber quantity	Single (WDM Muxed)	
Optical connector	FC-APC	
Fiber length	2Km max.	
<b>Physical Specifications</b>		
	<b>Modem Unit</b>	<b>Dish Unit</b>
RF Connectors	F-type (F)/(optional SMA)	F-type (F)/(Optional N-Type)
Dimensions	See drawing	TBD
Operating temperature	-10 to +55° C	-20 to 65° C
<b>Electrical Specifications</b>		
	<b>Modem Unit</b>	<b>Dish Unit</b>
Powering	12VDC via included 100-220VAC 50.60Hz Power adapter	100-220VAC 50/60Hz
Current consumption	1A max	1A Max (excluding LNB And Buc Power)

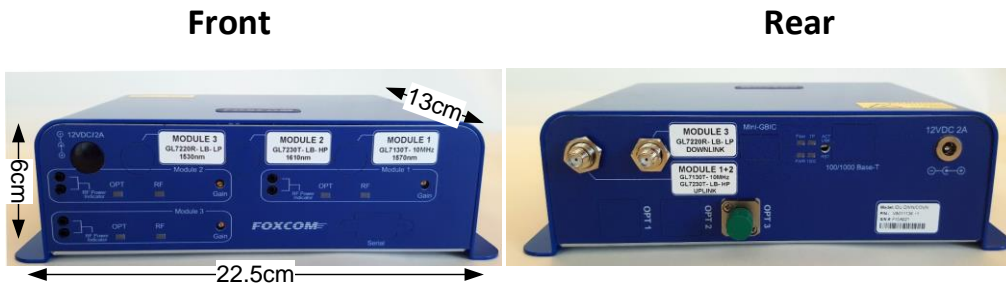
<sup>1</sup> Within optical budget

For more connector options, contact a Foxcom representative.

## Images and Dimensions

# FiberGo VSAT Link

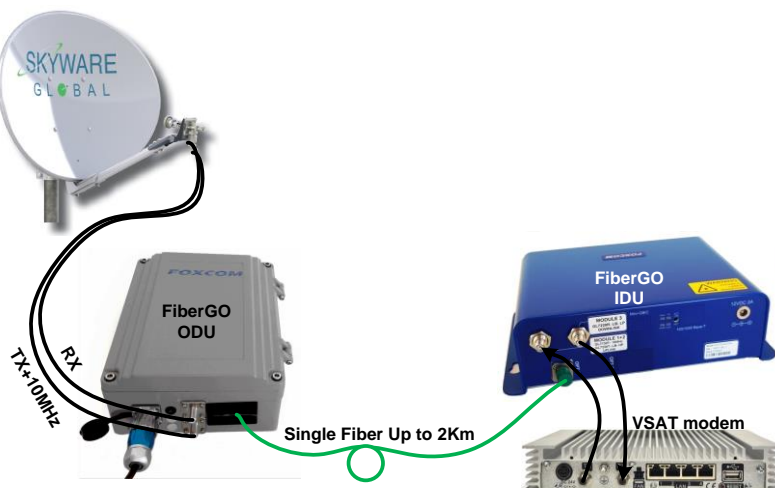
## Indoor Unit



## Outdoor Unit



## Connection Diagram



## FiberGo VSAT Link

### Ordering Information

Model Number	Description
<b>V8013137</b>	VSAT FiberGo Bidirectional L-Band + 10MHz System. Comprised of an IDU and ODU Unit, Uses a single fiber. Uses 75 Ohm F connector on both IDU and ODU, FC-APC connector, <b>OEM Version no Logo.</b>
<b>V8013138</b>	VSAT FiberGo Core Bidirectional L-Band + 10MHz System. Comprised of an IDU and ODU unit. Uses a single fiber, 50 Ohm SMA RF connectors on IDU, N-Type on ODU, FC-APC connector, <b>OEM Version No Logo.</b>