



Satcom6 Outdoor Enclosure

- 6 module capacity
- Remote monitor and control via SNMP or Ethernet
- Weatherproof: environmental rating IP66
- Wall or pole mounted

Outdoor Satcom Technology

The ViaLiteHD satcom6 weatherproof outdoor enclosure is designed to mount on or near an antenna. The enclosure accepts up to six **ViaLiteHD** RF or support modules including splitter and switch modules to allow for full redundancy.

- RF modules up to 4.2GHz including L-band and IF 70-140
- Remote monitor and control using SNMP or Ethernet
- Links can combine into a single fibre when using CWDM
- Supports redundancy on Rx and Tx chains



Options:

- Data: Serial digital, RS232/422/485, Ethernet or GbE
- Full web based SNMP functionality,
- Optical connectors: Fastlane, SMPTE, TAC4, TAC12
- RF connectors: N-type 50Ω or 75Ω
- BUC Bias T with external input 24V, -48v and +48v
- LNB powering through RF connection
- Heater
- Sunshield
- LNB control circuit with 13/18VDC & 22kHz tone

ViaLiteHD Modules

The Satcom6 enclosure accepts up to six **ViaLiteHD** Edge modules.

Choose modules such as transmitters, receivers and transceivers up to 4.2GHz plus support modules such as serial data and Ethernet. Modules that enable redundancy such as splitter and switch modules are also available.

For specific performance data, please refer to the datasheet for each **ViaLite** module. To see the full range visit www.vialite.com.



SatCom6 ViaLiteHD Outdoor Enclosure	
Number of RF links	1 to 6
IP Rating	IP66
External Dimensions (H:W:D)	380mm : 300mm : 210mm
Weight (without modules)	Approx. 15kg
Material	304 stainless steel
Interface	
RF Input / Output Connectors	Female N-type 50Ω or 75Ω, weatherproof
Optical Fibre Connections	Multicore optical cable to fit PG7 gland (IP68) / Fastline cross site cab/TAC-4, TAC-12, SMPTE
Power Supply Connections	Neutriks
Electrical Specifications	
Supply Voltage Options	AC: 88-264v, DC: 15, 24 or 48v
LNB powering options	On board 12/18/24v + 22kHz (manual and SNMP switchable)
BUC Supply Voltage Options	BUC bias T with external input (+24v, -48v, +48v) , external 5A plug
Alarm Indications	
Indicator Type	External LED
Channels Monitored	PSU voltage rail, digital module alarms, analogue monitors
SNMP monitor and control	Optional
Environmental Specifications	
Operating Temperature Range	-10°C to +55°C without heater, -20°C to +55°C with single DC heater -30°C to +55°C with dual DC heaters -40°C to +55°C with dual AC heaters
Storage Temperature Range	-40°C to +70°C
Climate Control	Humidity ventilator, heater (optional), sunshield (optional)