

Small Outdoor Enclosure

- Houses 2x *ViaLite* links up to 6 GHz or 1x C-Band link 500 MHz to 7.5 GHz
- SNMP management option
- Gigabit Ethernet switch option
- LNA/B powering option
- Waterproof Power, Fiber and Ethernet outdoor connectors
- Compact, IP65 rated enclosure
- Standard 5-year warranty

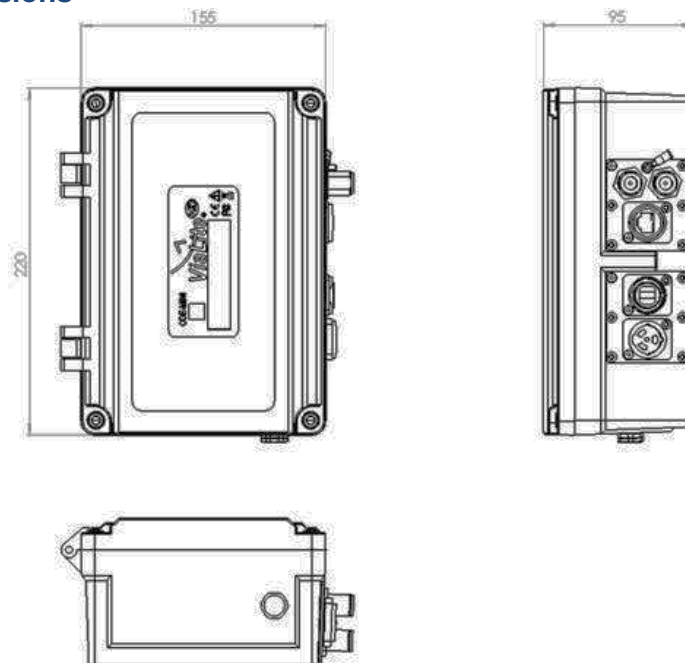


The *ViaLiteHD* ODE-MINI is a versatile enclosure designed for compact locations. The enclosure is cast aluminium and has an IP65 ingress protection rating. It is typically installed on a rooftop or antenna hub where RF and other services are transmitted over optical fiber to a remote equipment room. With options for fully integrated SNMP, Mini Ethernet Switch and LNA/B power, this enclosure is class leading for its size and cost.

Options

- Houses 1x C-Band Link up to 7.5 GHz or 2x Blue OEM modules for any *ViaLite* RF link up to 6 GHz (including L-Band HTS)
- 3 port mini gigabit Ethernet switch supporting 1x Optical SFP and 2 x RJ45 ports
- LNA/B Power board supporting 13,15,18, 24 VDC feeds power to external devices through RF connection
- SNMP management allowing module configuration and monitoring
- Dual redundant PSUs supported

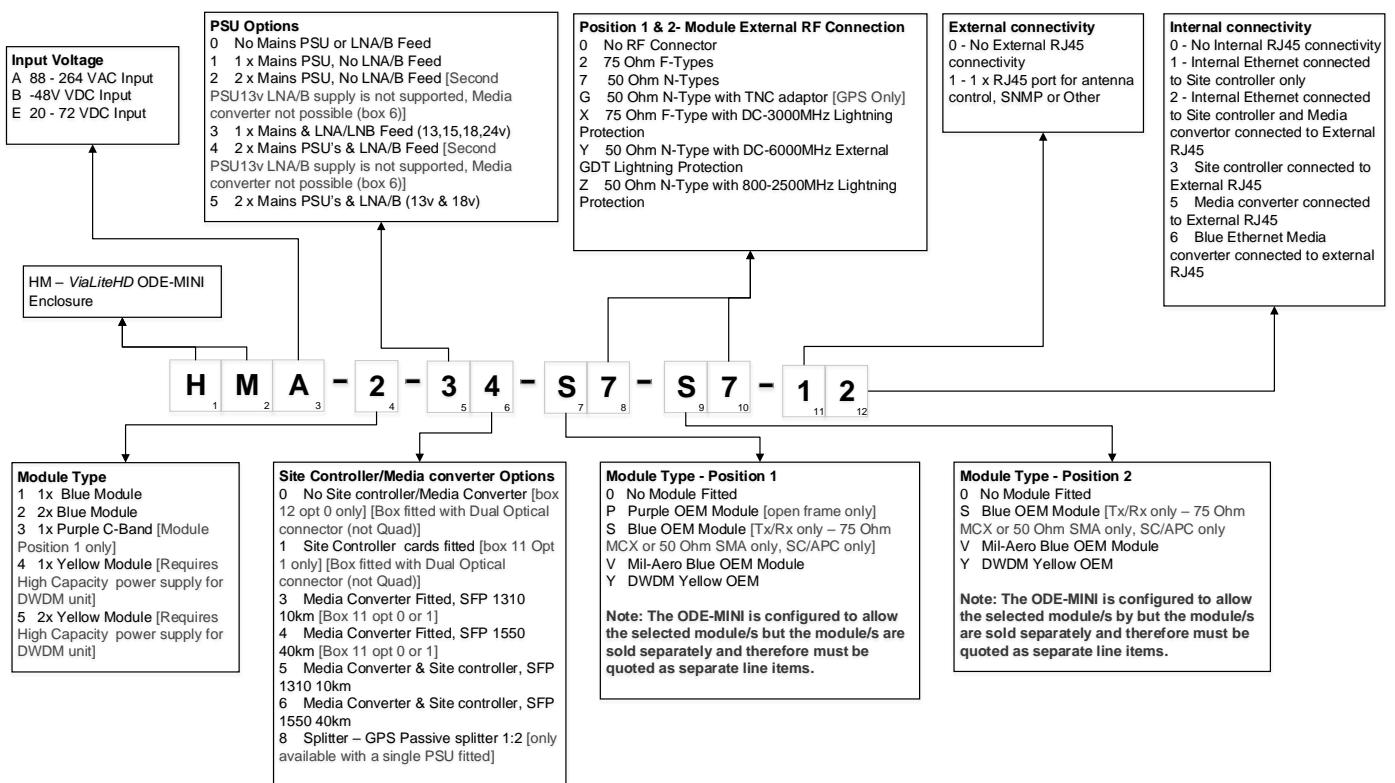
Enclosure dimensions



Technical specifications

Parameter	ODE-MINI Enclosure
Number of RF channels	2x Links to 6 GHz or 1x C-Band Link to 7.5 GHz
IP Rating	IP65
External Dimensions	220 x 155 x 95 mm
Weight	2.65 kg
Material	Cast aluminium
RF Input / Output Connectors	N-Type female weatherproof
Optical Fiber Connections	Quad or Duo single mode connector Neutrik
Power Supply Connections	Neutrik power connector
PSU Options	Single or dual redundant
Supply Voltage Options	88-264 VAC
Operating Temperature	-20 to +60 °C
Storage Temperature	-40 °C to +70 °C
Climate Control	Humidity ventilator
Parameter	LNB Voltage Source Specifications
Output Voltage	13,15,18, 24 VDC
Output Power	13.5 W
Voltage Tolerance	+/- 2 %
Line Regulation	+/- 0.5 %
Load Regulation	+/- 0.5 %
Ripple & Noise	< 120 mV P-P

Product configurator



Popular products

HMA-2-35-S7-S7-12

ViaLiteHD ODE-MINI, 88-264 VAC input, config. for 2 Blue OEM modules, 1 mains PSU with LNA/LNB feed (13v, 15v, 18v, 24v), Media Converter & Site controller, SFP 1310 10km, Quad Optical connector, Blue OEM module- position 1, 50Ohm N-Type RF connector/s. Blue OEM module- position 2, 50Ohm N-Type RF connector/s. Ext. connectivity 1 off RJ45 port for antenna control, SNMP or other. Int. Ethernet connected to site controller & media converter connected to ext. RJ45.

Separately ordered accessories

Fiber Termination Box (4-Way)

To ease the installation process any multicore optical fiber can be terminated in the accompanying patch box. As standard, the patch cable presents SC/APC connections within the patch box (see picture).



Internal termination options

54886 – SC/APC to FC/APC
 54888 – SC/APC to SC/APC
 54889 – SC/APC to LC/APC

Popular ODE-MINI optical cable options

Quad waterproof light duty (for use with up to 2 Blue OEM Modules and a Media Converter)

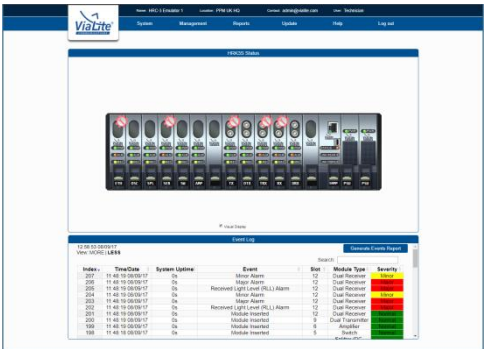
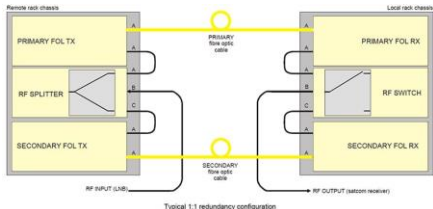


F04-L-3-8-0001	1 m fiber cable, with Quad Waterproof connector to SC/APC connector
F04-L-3-8-0002	2 m fiber cable, with Quad Waterproof connector to SC/APC connector
F04-L-3-8-0005	5 m fiber cable, with Quad Waterproof connector to SC/APC connector
F04-L-3-8-0010	10 m fiber cable, with Quad Waterproof connector to SC/APC connector

Duo waterproof light duty (for use with up to 2 Blue OEM Modules and NO Media Converter)

F02-L-3-8-0001	1 m fiber cable, with Duo Waterproof connector to SC/APC connector
F02-L-3-8-0002	2 m fiber cable, with Duo Waterproof connector to SC/APC connector
F02-L-3-8-0005	5 m fiber cable, with Duo Waterproof connector to SC/APC connector
F02-L-3-8-0010	10 m fiber cable, with Duo Waterproof connector to SC/APC connector

More cable options available.

Supporting products

Type	Key Features
<p>SNMP/Web Browser Card</p> 	<ul style="list-style-type: none"> • Easy to use graphical user interface (GUI) • Real time monitoring of card performance • Alarm monitoring and event logging • Control of gain adjustment • Compatible with all ViaLiteHD rack chassis and cards • Easy integration with network management systems (NMS) using management information base (MIB) tables • Actively manage redundancy switching • New RF cards can be automatically reprogrammed with the previous card parameters • Remote SNMP to local SNMP connection via optical fiber • Provides remote LAN 10/100 Ethernet link
<p>Dual Redundancy</p> 	<ul style="list-style-type: none"> • 1:1 redundancy for L-Band • Maximises link up-time • Can be used to backup copper coax • Manual and automatic control via SNMP • Flexible configuration options • Other redundancy options available
<p>Rack Chassis</p> 	<ul style="list-style-type: none"> • 3U accepts up to 13 RF or Support cards, plus an SNMP card and dual power supplies • A 1U chassis accepts up to 3 RF or Support cards or 2 cards and an SNMP card (with dual power supplies) • Up to 26 channels per 3U chassis (using dual RF cards) – reducing the amount of rack space required • Blind mate option • All modules hot-swappable and auto-reconfigure with SNMP option • On-card LNB and BUC power options • Power fed through rear chassis connector to card Bias Tees • System can be monitored and controlled remotely via SNMP using a web browser
<p>Outdoor Enclosures</p> 	<p>Further enclosures available:</p> <ul style="list-style-type: none"> • CE approved and EMC compatible • IP rated and NEMA approved • Plug and play format • Suitable for harsh environments • All modules hot swappable • Dual redundant power options • Interface for monitor and control (M&C) systems