



RF Over Fiber Systems ODE-MINI

Small Outdoor Enclosure

- Houses 2x ViaLite links up to 4.2 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.

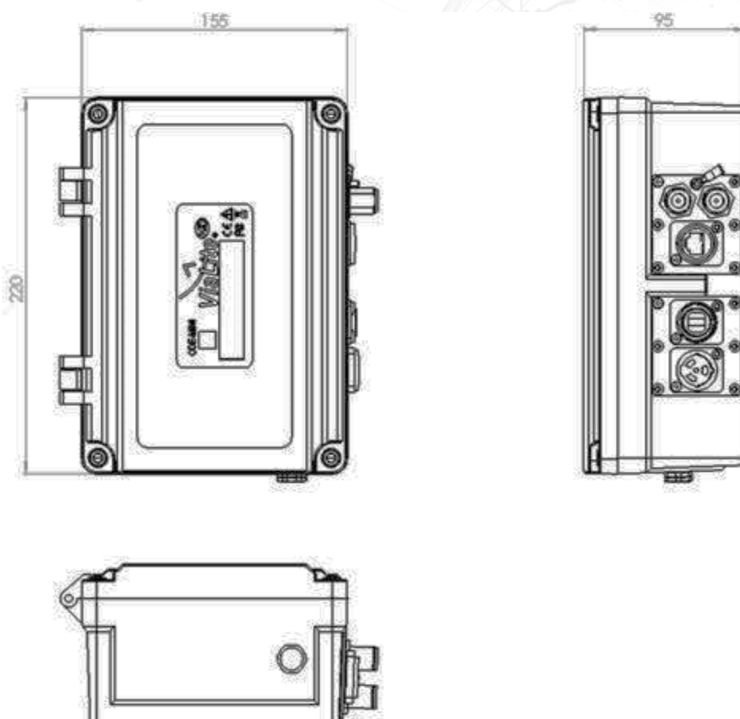
It is typically installed on a rooftop or antenna hub where RF and other services are transmitted over optical fiber to a remote equipment room.

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 upto 4.2 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 (if Ethernet switch is not fitted).

Enclosure dimensions



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TECHNICAL SPECIFICATIONS

ODE-MINI Enclosure

Number of RF channels	2x Links to 4.2 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 single mode connector Neutrik
Power Supply Connections	Neutrik power connector
PSU Options	88-264 VAC
Supply Voltage Options	12,13,15,18, 24 VDC
Operating Temperature	-20 to +55 °C
Storage Temperature	-40 to +70 C
Climate Control	Humidity ventilator

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	< 120mV P-P

POPULAR PRODUCTS

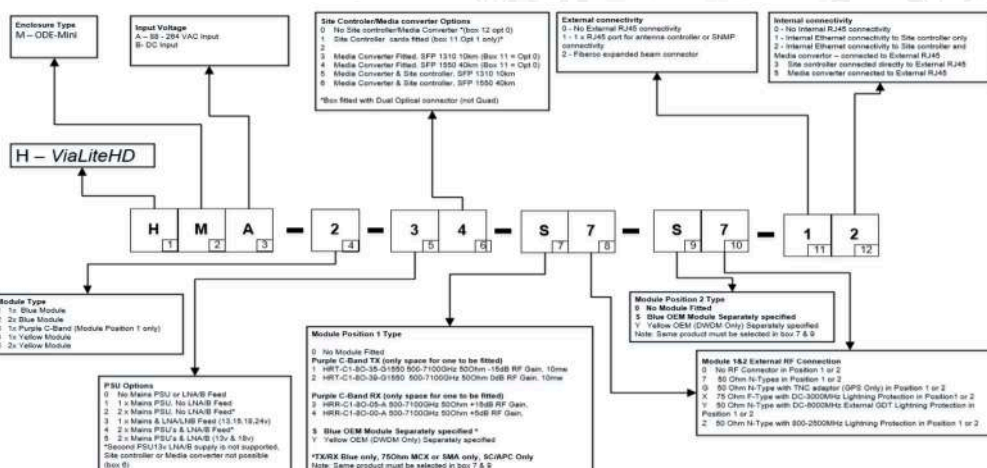
HMA-2-36-S7-S7-12

ODE-MINI, 1x 88-264 VAC input, 2x Blue Modules (L-Band), Mains & LNA/B PSU, Media converter SFP 1550nm & SNMP/Site controller, 1# Separately specified blue Module, 1# 50Ohm N-Type, 2# Separately specified blue Module, 2# 50Ohm N-Type, External RJ45 port for antenna controller or SNMP connectivity, Internal Ethernet connectivity to Site controller and Media convertor - connected to External RJ45

HMA-3-16-27-00-12

ODE-MINI, 1x 88-264 VAC input, 1x Purple Modules (C-Band), Mains & LNA/B PSU, Media converter SFP 1550nm & SNMP/Site controller, 1# HRT-C1-80-39-G1550 500-7500GHz 50Ohm 0dB RF Gain 10mw, External RJ45 port for antenna controller or SNMP connectivity, Internal Ethernet connectivity to Site controller and Media convertor - connected to External RJ45

PRODUCT SPECIFICATIONS





RF Over Fiber Systems ODE-MINI

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

ODE-A4 optical cable options

Quad waterproof light duty (no cable management reel)

- | | |
|------------------|--|
| F04-Q-2F-Q8-0001 | Quad Waterproof connector to SC/APC 1 m SC/APC Connector |
| F04-Q-2F-Q8-0003 | Quad Waterproof connector to SC/APC 3 m SC/APC Connector |
| F04-Q-2F-Q8-0010 | Quad Waterproof connector to SC/APC 10 m SC/APC Connector |
| F04-Q-2F-Q8-0020 | Quad Waterproof connector to SC/APC 20 m SC/APC Connector |
| F04-Q-2F-Q8-0050 | Quad Waterproof connector to SC/APC 50 m SC/APC Connector |
| F04-Q-2F-Q8-0100 | Quad Waterproof connector to SC/APC 100 m SC/APC Connector |

Quad waterproof heavy duty (with cable management reel)

- | | |
|------------------|--|
| F04-R-5F-Q8-0050 | Quad Waterproof connector to SC/APC 50 m SC/APC Connector |
| F04-R-5F-Q8-0100 | Quad Waterproof connector to SC/APC 100 m SC/APC Connector |
| F04-R-5F-Q8-0150 | Quad Waterproof connector to SC/APC 150 m SC/APC Connector |
| F04-R-5F-Q8-0200 | Quad Waterproof connector to SC/APC 200 m SC/APC Connector |

