

ViaLiteHD® – ODE-A4 Enclosure

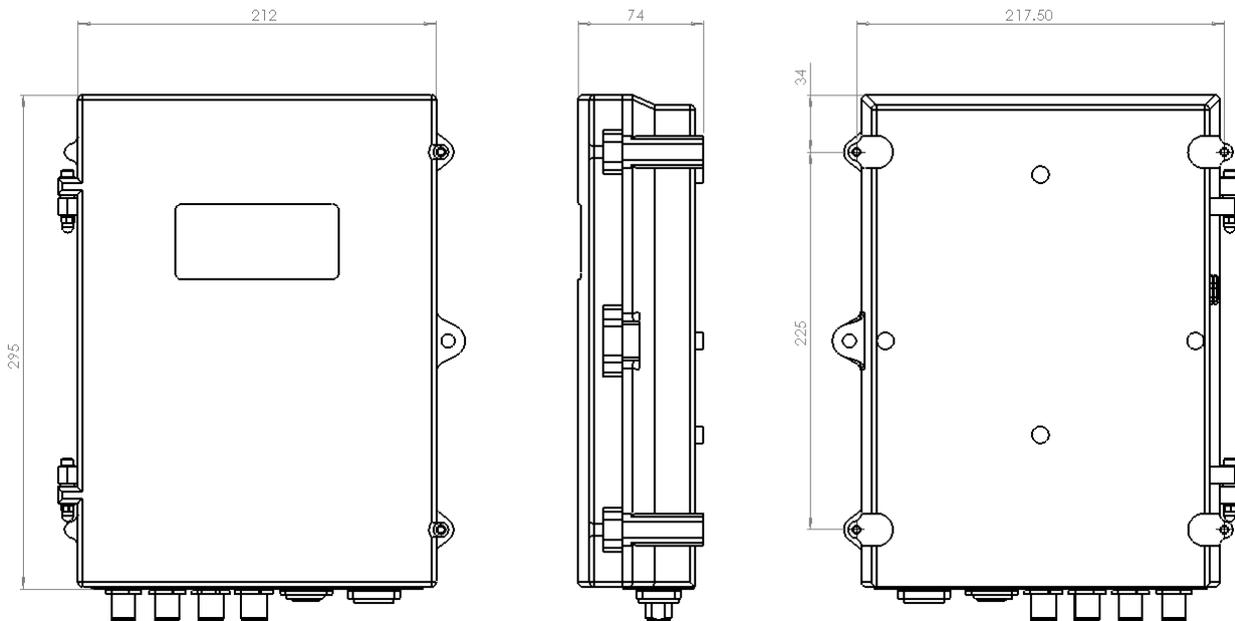
Outdoor Enclosure

- Houses up to four cross-site links
- IP65 and NEMA 4 rated
- Suitable for harsh environments
- Solar/wind shield option
- Dual redundant power supplies
- Selectable LNA/B O/P voltages
- Monitoring and Control option
- Lightning arrestor option
- Split gland cable entry option



The ODE-A4 can house up to four Blue OEM cross-site links with RF connections to the outside. There are two additional slots that can house Timing and Reference Blue OEMs for Satcom applications. The enclosure is made from aluminium and has an Ingress Protection rating of IP65. It is typically installed on a rooftop or at an antenna hub where RF and other services are transmitted over optical fiber to a remote equipment room. Optional M&C connectivity to the network is via an RJ45 or optical connection. Dual redundant power supplies provide higher availability as well as helping to prolong PSU lifetime.

Mechanical Dimensions (mm)



Technical specification

Parameter	ODE-A4 Enclosure
Number of RF channels	1 to 4
IP Rating	IP65
External Dimensions	295 x 217.5 x 74 mm
Weight	2.5 kg
Material	6082 T6 Aluminium RAL7035
RF Input / Output Connectors	N-Type female weatherproof
Optical Fiber Connections	Quad single mode/MTP Connector/Split Gland (Single/Dual)
Power Supply Connections	Neutrik 3-pin power connector (AC) / 2-pin power connector (DC)
Supply Voltage Options	100 – 240 V _{AC} or 18 – 48 V _{DC}
BUC Supply Voltage Options	Fixed 12 VDC or 13,15,18, 24 VDC Switchable
Operating Temperature	-20 °C to +55 °C
Storage Temperature	-40 °C to +70 °C
Operating Altitude	2000 m Max
Climate Control	Humidity ventilator
Parameter	LNB Voltage Source Specifications
Output Voltage	Fixed 12 VDC or 13,15,18, 24 VDC Switchable
Output Power	13.5 W (Shared between the 4 channels)
Voltage Tolerance	+/- 2 %
Line Regulation	+/- 0.5 %
Load Regulation	+/- 0.5 %
Ripple & Noise	< 120mV P-P