

ViaLiteHD® – ODE-B3U Outdoor Enclosure

Outdoor Enclosure for 3U Rack Chassis

- Houses **ViaLiteHD** 3U Rack Chassis
- Benefit from all supported features:
 - Dual redundant PSU
 - Monitoring & Control
 - All **ViaLiteHD** RFoF Rack modules
- High module / channel density
- Simple tilt mechanism for easy access
- Waterproof power, fiber and Ethernet outdoor connectors
- IP66 rated enclosure
- 5-year warranty

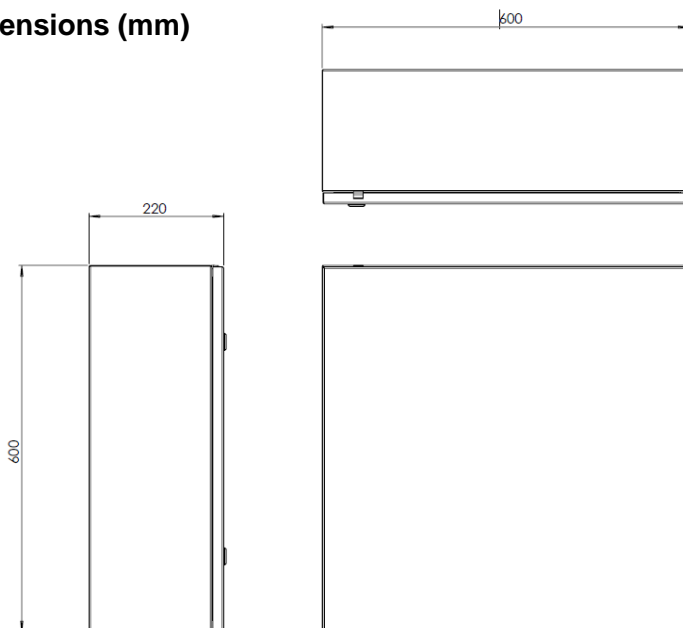


The **ViaLiteHD** ODE-B3U brings all the features and benefits of the **ViaLiteHD** 19" 3U Rack Chassis and its compatible Rack based modules into a compact outdoor enclosure. The enclosure is powder coated stainless steel and has an IP66 ingress protection rating. It is typically installed on a wall, rooftop or antenna hub where RF and other services are transmitted over optical fiber to a remote equipment room. For ease of installation and maintenance, the full 3U Rack Chassis can tilt forwards. Also contained within the ODE-B3U is an integral fiber patch panel and customized gland plate for fiber, RF, power and data connections.

Options

- The enclosure is available with a heater and/or solar shield as environmental options.
- An optional fan assembly for the **ViaLiteHD** 19" 3U Rack Chassis allows the enclosure to run in hotter ambient conditions.

Mechanical Dimensions (mm)



Technical Specifications

Parameter	ODE-B3U Enclosure
Recommended maximum number of RF channels / modules (1)	20
IP Rating	IP66
External Dimensions	600 x 600 x 220 mm
Weight (unloaded)	19 kg (Enclosure and Empty Rack Chassis)
Material	Powder coated Stainless Steel
Max RF Input / Output Connectors	20 x N-Type female
Max Optical Fiber Connections	2 x Fiber split gland
Max Power Supply Connections	3 x Power split gland
Max RJ45 Connections	2 x RJ45
PSU Options	Single or dual redundant
Supply Voltage Option	100-240 VAC (2 -4 A)
Min Operating Ambient Temperature	-20 °C -40 °C (with heater)
Max Operating Ambient Temperature (2)	+60 °C / 4 RF modules +55 °C / 8 RF modules +50 °C / 12 RF modules +45 °C / 16 RF modules
Storage Temperature	-40 °C to +70 °C
Operating Altitude	2000 m Max
Climate Control	Humidity ventilator

- (1) See limit of number of RF channels / modules versus maximum allowable ambient temperature
 (2) Assumes 3U Rack Chassis fitted with 2 x PSU, 1 x Monitoring and Control, fan tray option, solar shield and module temperature operating is limited to +65 °C. RF module can be any combination of standard Tx, DWDM Tx or Rx module.