

# CriticalPoint™ Fiber Optical Expansion Unit

RH78V1-FEXPE4-UL / RH78V1-FEXPE8-UL

UL2524 Standard Certified

- Supports additional Remote Units for RH7W22 7/800MHz Public Safety Fiber DAS
- Each Fiber Optical Expansion Unit supports 4 or 8 Remote Units
- Cascade up to 3 Expansion Units to support up to 32 Remote Units
- UL50E Type 4 / NEMA4 enclosure, supports rack mount or wall mount
- **UL2524 2nd Edition Listing with SGS, Nationally Recognized Testing Laboratory (NRTL) approved by OSHA for UL2524**  
SGS Certificate No.: SGSNA/20/GZ/00111



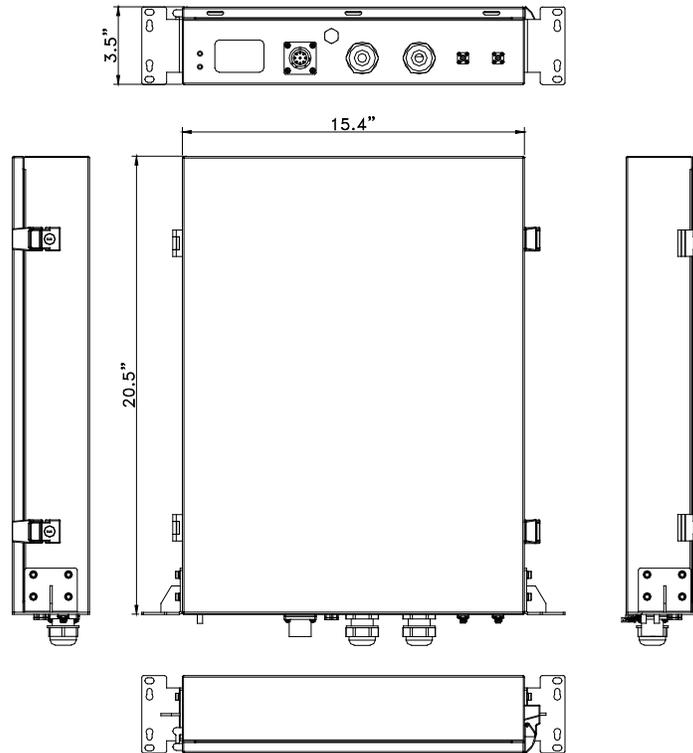
## Specifications

Electrical			
Frequency Band	Uplink	MHz	788 - 805 / 806 - 824
	Downlink		758 - 775 / 851 - 869
Optical Connector Type			SC-APC
Optical Fiber Requirement			Single Mode (Single Strand)
Optical Wavelength		nm	1310 / 1550 (WDM)
End-to-End Optical Loss		dBo	< 8
End-to-End Reflectance		dB	< -60
Number of Remote Units supported per units			4 or 8

Mechanical			
Dimensions, H x W x D		in(mm)	20.5 x 15.3 x 3.5 (520 x 390 x 88)
Weight (without bracket)	4 Port	lb(kg)	25.4 (11.5)
	8 Port	lb(kg)	27.6 (12.5)
Power Consumption (approx.)	4 Port	W	15
	8 Port	W	25
Power Supply		VDC	+28 (From RH7W22 Master Unit)
Enclosure Cooling			Convection
Operating Temperature		°F (°C)	-40 to +131 (-40 to +55)
Operating Humidity			≤ 95%
Enclosure Class			UL50E Type 4 / NEMA 4

Note: Typical specifications at room temperature

## Outline Drawing



## Part Numbers

Part Number	Description
RH78V1-FEXPE4-UL	Public Safety Fiber DAS MU FOU Expansion Unit, 4 port, cascade up to 3 to the same RH7W22 Master Unit, UL2524 Standard Certified
RH78V1-FEXPE8-UL	Public Safety Fiber DAS MU FOU Expansion Unit, 8 port, cascade up to 3 to the same RH7W22 Master Unit, UL2524 Standard Certified