

FiRe-OEU-U

Fiber Optic Repeater Optical Expansion Unit



Electronic Specifications

		Downlink	Uplink
Frequency Range	VHF	138 - 174 MHz	138 - 174 MHz
	UHF	380 - 512 MHz	380 - 512 MHz
	PS 700 (w/ Band 14)	758 - 768 MHz 769 - 775 MHz	788 - 798 MHz 799 - 805 MHz
	PS 800	851 - 861 MHz	806 - 816 MHz
System Total Gain (FiRe-OEU-U)		0 dB	0 dB
Spurious	FCC Rule Compliant		
Passband Ripple	±2 dB		
Optical Loss	0 - 5 dBo		
Impedance	50 Ω		
Network Management	Web-GUI, SNMP, SNMP-Traps		

Mechanical Specifications

Dimension (W x H x D)	11.8 x 15.7 x 6.7 in (300.0 mm x 400.0 mm x 170.0 mm) w/o bracket 11.8 x 15.7 x 7.9 in (300.0 mm x 400.0 mm x 200.0 mm) w/ bracket
Weight	29.5 lbs (13.4 kg) w/o bracket 33.5 lbs (15.2 kg) w/ bracket
Weather Resistance	IP 66
Optic Connector	8 Port
Optic Terminal Tray (Internal)	2
Power Supply	100 - 240 VAC, 60 Hz (Free Voltage)
Power Consumption	30 W
DC Backup Voltage	24 VDC
Grounding	External Threaded Stud
Interface	Ethernet (RJ-45)
Mounting Type	Rack / Wall Mount
Humidity	5% - 90% RH (Non-Condensing)
Enclosure Cooling	Natural Convection
Dry Contacts	NFPA 1, 72, 1221, 1225, IFC Code / UL 2524 Compliant
Annunciator Support	Up to 2 PSR-ANN-L annunciators
Operating Temperature	32°F - 122°F (0°C - 50°C)

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