

UHF Bandwidth Adjustable Signal Boosters EMEA Market

H336V
M318V

Product Features

- IF SAW filtering, sharp filtering, outstanding out of band rejection
- Band Selective, Bandwidth adjustable by software
- Uplink squelch, programmable
- Antenna isolation control
- User adjustable gain control, UL and DL independent
- Automatic Gain Control
- NFPA compliant as optional
- Weatherproof enclosure, IP67/NEMA4X



UHF Repeater, Band Selective

Applications

- Buildings, tunnels, stadiums
- Passive DAS
- Leaky cable networks



RF Specification

Value

Type	Band Selective Repeater, BW Adjustable	
Frequency range	335 – 5 12 MHz	
Passband BW. min	0.5 to 2 MHz for 5 MHz Tx to Rx separation 0.5 to 5 MHz for 10 MHz Tx to Rx separation	
Downlink to Uplink separation, min	5 or 10 MHz, factory adjustable	
Gain, maximum	M318V: 70dB	H336V: 80dB
Passband ripple	+/- 2.0 dB	
Gain, manual control (operationally linked commands)	20dB range, digitally controlled in 1dB steps	
Antenna isolation control, gain adjustment	0 to 20 dB	
AGC range (operationally linked commands)	0 to 40 dB	
Composite output power, DL	M318V: +18dBm	H336V: +36dBm
Composite output power, UL	+18 dBm	
IMD	> 60dBc or <-36dBm	
Spurious Generation	< -36 dBm	
Noise figure, in dB	6.0 max at maximum output power	
Impedance	50 Ω	
Group delay	8uS max	
Connectors	N(f) as standard	
VSWR at operating frequencies	1.5:1 max	
Uplink squelch function	Yes, user selectable, to avoid UL noise when no carriers present	

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Supervising Specifications

Value

Self diagnostic platform	Microprocessor based
Alarms	Yes, amplifiers status, power supply failure, temperature, AGC, RF overload.
Local management and supervising	Local access via USB
Remote management and supervising	Remote access via Ethernet and wireless modem, option RC-G (FIPLEX OMS)
RoHS compliance	Yes

Electrical Specifications

Value

AC Supply	110/220 VAC 50/60 Hz
Power Consumption	M318V: 40W H336V:120W
DC Supply	See table
Housing	IP67
Temperature range	-22° to 140° F • -30° to +60° C
Size, WxDxH	15.3 x 15.3 x 3.5 inches • 390 x 390 x 90 mm
Weight	39.7 lbs • 18 kg
Mounting	Wall and pole mounting as standard.
MTBF	>200,000 hours

CIU	NFPA	RC-G	AC	24VDC	-48VDC	DUPX Ceramics UL=380-385/ DL=390-395	DUPX Ceramics UL=410-415/ DL=420-425	DUPX Ceramics UL=415-420/ DL=425-430	DUPX Ceramics UL=423.15- 428.15/ DL=437.65- 442.65	DUPX Ceramics 335-380
H336V-001			X			X				
H336V-002		X	X			X				
H336V-003				X		X				
H336V-004		X		X		X				
H336V-005			X				X			
H336V-006	X		X				X			
H336V-007				X			X			
H336V-008	X			X			X			
H336V-009					X	X				
H336V-010	X		X			X				
H336V-011	X			X		X				
H336V-012	X				X	X				
H336V-013		X			X	X				
H336V-014	X	X	X			X				
H336V-015	X	X		X		X				
H336V-016	X	X			X	X				
H336V-017					X		X			
H336V-018	X				X		X			
H336V-019		X	X				X			
H336V-020		X		X			X			
H336V-021		X			X		X			

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H336V-022	X	X	X				X			
H336V-023	X	X		X			X			
H336V-024	X	X			X		X			
H336V-025			X					X		
H336V-026					X			X		
H336V-027	X		X					X		
H336V-028	X			X				X		
H336V-029	X				X			X		
H336V-030		X	X					X		
H336V-031		X		X				X		
H336V-032		X			X			X		
H336V-033	X	X	X					X		
H336V-034	X	X		X				X		
H336V-035	X	X			X			X		
H336V-036			X						X	
H336V-037				X					X	
H336V-038					X				X	
H336V-039	X		X						X	
H336V-040	X			X					X	
H336V-041	X				X				X	
H336V-042		X	X						X	
H336V-043		X		X					X	
H336V-044		X			X				X	
H336V-045	X	X	X						X	
H336V-046	X	X		X					X	
H336V-047	X	X			X				X	
H336V-049			X							X
H336V-050				X						X
H336V-051					X					X
H336V-052	X		X							X
H336V-053	X			X						X
H336V-054	X				X					X
H336V-055		X	X							X
H336V-056		X		X						X
H336V-057		X			X					X
H336V-058	X	X	X							X
H336V-059	X	X		X						X
H336V-060	X	X			X					X
H336V-701				X				X		
H336V-702				X					X	

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M318V-001			X			X				
M318V-002				X		X				
M318V-003					X	X				
M318V-004	X		X			X				
M318V-005	X			X		X				
M318V-006	X				X	X				
M318V-007		X	X			X				
M318V-008		X		X		X				
M318V-009		X			X	X				
M318V-010	X	X	X			X				
M318V-011	X	X		X		X				
M318V-012	X	X			X	X				
M318V-013			X				X			
M318V-014				X			X			
M318V-015					X		X			
M318V-016	X		X				X			
M318V-017	X			X			X			
M318V-018	X				X		X			
M318V-019		X	X				X			
M318V-020		X		X			X			
M318V-021		X			X		X			
M318V-022	X	X	X				X			
M318V-023	X	X		X			X			
M318V-024	X	X			X		X			
M318V-025			X					X		
M318V-026					X			X		
M318V-027	X		X					X		
M318V-028	X			X				X		
M318V-029	X				X			X		
M318V-030		X	X					X		
M318V-031		X		X				X		
M318V-032		X			X			X		
M318V-033	X	X	X					X		
M318V-034	X	X		X				X		
M318V-035	X	X			X			X		
M318V-036			X						X	

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M318V-037				X				X		
M318V-038					X				X	
M318V-039	X		X						X	
M318V-040	X			X					X	
M318V-041				X					X	
M318V-042	X				X				X	
M318V-043		X	X						X	
M318V-044		X		X					X	
M318V-045		X			X				X	
M318V-046	X	X	X						X	
M318V-047	X	X		X					X	
M318V-048	X	X			X				X	
M318V-049			X							X
M318V-050				X						X
M318V-051					X					X
M318V-052	X		X							X
M318V-053	X			X						X
M318V-054	X				X					X
M318V-073			X					X		

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WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENCE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.



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