



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073
techsupport@jmwireless.com

General		Specification				
Interface/gender	4.3-10 Female					
Cables supported¹	JMA Wireless	JMA12P-50	RFS	ICA12-50JPL	LS/Superior Essex	LHF12DPV
	CommScope	HL4RPV-50		ICA12-50JPLB	Rosenberger	RLCX-SL012R
		HL4RPV-50B		ICA12-50JPLR	Eupen	EC4-50PL
		HL4RPV-50R		ICA12-50JPLW	Belden	RA500P
		AL4RPV-50		ICA12-50JPLLR	Wireless Supply	12/WP
	HUBER+SUHNER	Sucofeed_1/2_PW		ICA12-50JPLLW		
Weight	121.1 g 0.267 lb					
JMA Weather Protection System		N/A				
Tools required	JMA part number		Comment			
Cable preparation	SP-12PL		Bit "PL" all cables			
Connector compression	HCG-FRAMESET-1/2, HCG-CC		Insert D			
Hex width	25 mm 1 in.					
Frequency band	VSWR		Return loss (dB)			
555–1000 MHz	1.02		40			
1000–2700 MHz	1.03		36			
2700–3800 MHz	1.05		32			
3800–6000 MHz	1.08		28			
Electrical	Specification			Comment		
Connector impedance	50 ohm					
Operating frequency band	DC–6 GHz					
3rd order IMD dynamic, (PIM)	-161 dBc, typical			IEC 62037-2		
DC test voltage	2500 V					
Center contact resistance	≤1.0 milliohm					
Outer contact continuity	1.0 milliohm max.					
Average power	600 W @ 900 MHz					
Peak power, max.	15 kW					
Insertion loss, typical	0.05 dB			Per connector		
Shielding effectiveness	< -120 dB			@ 0-1 GHz		
Mechanical	Specification			Comment		
Pull force combined	.89 kN > 200 lb			Cable limited		
Cable retention torque	6.7 N·m 5 lbf·ft			Cable limited		
Interface durability	100 cycles			IEC 61169-4:9.5		
Environmental	Specification			Test		
Operating temperature	-55 °C to +85 °C (-67 °F to 185 °F)					
Storage temperature	-55 °C to +85 °C (-67 °F to 185 °F)					
Accelerated UV	1000 hr			ASTM G154		
Immersion test method	Mated & unmated, IP68			IEC 60529:2001 & ANSI/SCTE 60		
Water jetting test method	Mated & unmated, IP66			IEC 60529:2001		
Mechanical shock test method	Pass			IEC 60068-2-27		
Thermal shock test method	Pass			IEC 60068-2-14		
Vibration test method	100 m/s ² , 2 Hz to 200 Hz			IEC 61169-1:2003		
Corrosion test method	1000 hr			IEC 60068-2-11		

¹For cable types not listed, please contact JMA Technical Support.