



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

techsupport@jmwireless.com

General		Specification				
Interface/gender	4.3-10 Right angle male					
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		ICA12-50JPLL	Wireless Supply	12/WP
HUBER+SUHNER	Sucofeed_1/2_PW	ICA12-50JPLLW				
Weight	172.8 g 0.381 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 A		
Torque wrench		TQ-78-F8		8 lbf-ft 10.85 N·m		
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.