



[Installation video](#)



[Installation instructions](#)



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

General		Specification				
Interface/gender	N 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		ICA12-50JPLL	Wireless Supply	12/WP
HUBER+SUHNER	Sucofeed_1/2_PW	ICA12-50JPLLW				
Weight	116.1 g 0.256 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 B			
Hex width	25 mm 1 in.					
Frequency band	VSWR		Return loss (dB)			
555–1000 MHz	1.02		40			
1000–2700 MHz	1.03		38			
2700–3800 MHz	1.05		30			
3800–6000 MHz	1.08		26			
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	2000 V					
Center contact resistance	≤ 1.5 milliohm					
Outer contact continuity	0.3 milliohm max.					
Average power	600 W @ 900 MHz					
Peak power, max.	10 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	50 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.