



[Installation video](#)



[Installation instructions](#)



[Connector cross-reference chart](#)



Contact technical support:
1-888-201-6073

techsupport@jmawireless.com

General		Specification	
Interface/gender		4.1-9.5 Male	
Cables supported ¹		Andrew HL4RP, HL4RPV, AL4RPV; RFS ICA12-50JPL/-50JPL/-50JPLLW, HCA12, HUBER+SUHNER SUCOFEEED 1/2 PW, LS/Superior Essex LHF 12DPV, Rosenberger RLCX-SL012R, Eupen EC4-50PL	
Weight		141 g 0.310 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 C
Torque wrench		TQ-78-F8	10.85 N·m 8 lbf·ft
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 60237-02
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		500 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.