



[Installation video](#)



[Installation instructions](#)



Contact technical support:

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General		Specification				
<b>Interface/gender</b>	4.1-9.5 Female					
<b>Cables supported<sup>1</sup></b>	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				
<b>Weight</b>	141 g   0.310 lb					
<b>JMA Weather Protection System</b>		N/A				
Tools required		JMA part number		Comment		
<b>Cable preparation</b>		SP-12PL		Bit "PL" all cables		
<b>Connector compression</b>		HCG-FRAMESET-1/2, HCG-CC		Insert C		
<b>Hex width</b>		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		
<b>Connector impedance</b>		50 ohm				
<b>Operating frequency band</b>		DC–6 GHz				
<b>3rd order IMD dynamic, (PIM)</b>		-161 dBc, typical		IEC 62037-2		
<b>DC test voltage</b>		2500 V				
<b>Center contact resistance</b>		≤ 1.0 milliohm				
<b>Outer contact continuity</b>		1.0 milliohm max.				
<b>Average power</b>		600 W @ 900 MHz				
<b>Peak power, max.</b>		15 kW				
<b>Insertion loss, typical</b>		0.05 dB		Per connector		
<b>Shielding effectiveness</b>		< -120 dB		@ 0-1 GHz		
Mechanical		Specification		Comment		
<b>Pull force combined</b>		.89 kN   > 200 lb		Cable limited		
<b>Cable retention torque</b>		6.7 N·m   5 lbf·ft		Cable limited		
<b>Interface durability</b>		50 cycles		IEC 61169-4:9.5		
Environmental		Specification		Test		
<b>Operating temperature</b>		-55 °C to +85 °C (-67 °F to 185 °F)				
<b>Storage temperature</b>		-55 °C to +85 °C (-67 °F to 185 °F)				
<b>Accelerated UV</b>		1000 hr		ASTM G154		
<b>Immersion test method</b>		Mated & unmated, IP68		IEC 60529:2001 & ANSI/SCTE 60		
<b>Water jetting test method</b>		Mated & unmated, IP66		IEC 60529:2001		
<b>Mechanical shock test method</b>		Pass		IEC 60068-2-27		
<b>Thermal shock test method</b>		Pass		IEC 60068-2-14		
<b>Vibration test method</b>		100 m/s <sup>2</sup> , 2 Hz to 200 Hz		IEC 61169-1:2003		
<b>Corrosion test method</b>		1000 hr		IEC 60068-2-11		

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.