



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

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General		Specification			
Interface/gender	N male right angle				
Cables supported¹	JMA Wireless	JMA12S-50	Eupen	EC4HF	
	CommScope	FSJ4	Leoni Flexline	1/2"S	
		FSJ4RK	LS/Superior Essex	HFSC 12D	
		FSJ4RN-50	Hansen	RF5012S	
	RFS	SCF12		RF5012SZ	
	NK Draka	RFF1200	HUBER+SUHNER	SF 1/2 HF	
	Rosenbeger	SL 1/2" S	Wireless Supply	WS12/SF	
Weight	166.9 g 0.368 lb				
JMA Weather Protection System	WPS-NRA-4S				
Tools required		JMA part number		Comment	
Cable preparation	SP-12S		No coring required		
Connector compression	HCG-FRAMESET-1/2, HCG-CC		Insert A		
Torque wrench	TW1412		14 lbf·in 1.58 N·m		
Frequency band		VSWR		Return loss (dB)	
555–1000 MHz (0-1 GHz)		1.02		40	
1000–2700 MHz (1-2 GHz)		1.03		38	
2700–3800 MHz (2-4 GHz)		1.05		30	
3800–6000 MHz (4-6 GHz)		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	.78 kN >175 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.