



[Installation video](#)



[Installation instructions](#)



Contact technical support:

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General	Specification			
<b>Interface/gender</b>	4.1-9.5 Mini DIN male			
<b>Cables supported<sup>1</sup></b>	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
Rosenberger	SL 1/2" S	Wireless Supply	WS12/SF	
<b>Weight</b>	138.3 g   0.305 lb			
<b>JMA Weather Protection System</b>	WPS-N-4S			

Tools required	JMA part number	Comment
<b>Cable preparation</b>	SP-12S	No coring required
<b>Connector compression</b>	HCG-FRAMESET-1/2, HCG-CC	Insert C
<b>Torque wrench</b>	TQ-78-F8	8 lbf-ft   10.85 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
<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>	≤ 0.8 milliohm	
<b>Outer contact continuity</b>	1.5 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>	.78 kN   >175 lb	Cable limited
<b>Cable retention torque</b>	6.7 N·m   5 lbf-ft	Cable limited
<b>Interface durability</b>	500 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.