



[Installation video](#)



[Installation instructions](#)



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

General		Specification	
Interface/gender		N male right angle	
Cables supported ¹		Andrew FSJ1-50A, FSJ1RK-50B, PTS1-50-P; RFS SCF14-50J, SCF14-50JFN; Hansen RF5014S, RF5014SZ; Eupen EC1- 50-HF; Times SPP-250-LLPL, HUBER+SUHNER SUCOFEEED 1/4 HFFR, HUBER+SUHNER SUCOFEEED 1/4 HF, Times SPO-250	
Weight		0.267 lbs. 121.1 g	
JMA Weather Protection System		WPS-NRA-1S	
Tools required		JMA part number	Comment
Cable preparation		SP-14S	No coring required
Connector compression		HCG-FRAMESET-1/4, HCG-CC	
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 60237-02, -3
DC test voltage		1600 V	
Center contact resistance		≤ 1.0 milliohm	
Outer contact continuity		0.2 milliohm max.	
Average power		400 W @ 900 MHz	
Peak power, max.		6.4 kW	
Insertion loss, typical		0.05 dB	Per connector
Shielding effectiveness		< -120 dB	@ 0-1 GHz
Mechanical		Specification	Comment
Pull force combined		.67 kN >150 lb	Cable limited
Cable retention torque		2 N·m 1.5 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.

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