



[Installation video](#)



[Installation instructions](#)



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

General		Specification	
Interface/gender		7-16 DIN male	
Cables supported ¹		Andrew LDF4, LDF4RK, LDF4 RN; RFS LCF12, LCF12-50JL; NK Draka RFA1200; Eupen EC4, Leoni Flexline 1/2"R; LS/Superior Essex HFC 12D, HFAC 12D; Hansen RF5012, RF5012Z; Rosenberger SL 1/2" R; Belden RA500, RA500R	
Weight		0.311 lb 141.1 g	
JMA Weather Protection System		WPS-4A	
Tools required		JMA part number	Comment
Cable preparation		SP-1/2-LDF4D	"U" bit
Connector compression		HCG-FRAMESET-1/2, HCG-CC	Insert A
Torque wrench		TQ-114-F18	18 lbf·ft 24.4 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
DC test voltage		4000 V	
Center contact resistance		≤ 0.8 milliohm	
Outer contact continuity		1.5 milliohm max.	
Average power		1100 W @ 900 MHz	
Peak power, max.		40 kW	
Insertion loss, typical		0.05 dB	Per connector
Shielding effectiveness		< -120 dB	@ 0-1 GHz
Mechanical		Specification	Comment
Pull force combined		1.1 kN >250 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.

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