



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

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General		Specification	
Interface/gender	2.2-5 Male, torque type		
Cables supported¹	JMA Wireless	JMA12-50	Eupen
	CommScope	LDF4	LS/Superior Essex
		LDF4RK	
		LDF4 RN	
	RFS	LCF12	Hansen
		LCF12-50JL	
	NK Draka	RFA1200	Belden
	Rosenberger	SL 1/2" R	
Wireless Supply	WS12		
Weight	107.2 g 0.236 lb	JMA Weather Protection System	WPS-N-4A / WPS-2F-12
Tools required		JMA part number	
Cable preparation	SP-1/2-LDF4D		Comment
Connector compression	HCG-FRAMESET-1/2, HCG-CC		"U" bit
Torque wrench	TQ-916-F2.2		Insert D
Torque	2.2 lbf-ft 2.98 N·m		
Frequency band		VSWR	
555–1000 MHz (0-1 GHz)		1.02	
1000–2700 MHz (1-2 GHz)		1.03	
2700–3800 MHz (2-4 GHz)		1.05	
3800–6000 MHz (4-6 GHz)		1.08	
Return loss (dB)			
		40	
		38	
		30	
		26	
Electrical		Specification	
Connector impedance	50 ohm		Comment
Operating frequency band	DC–6 GHz		
3rd order IMD dynamic, (PIM)	-161 dBc, typical		IEC 62037-2
DC test voltage	2500 V		
Center contact resistance	≤1.0 milliohm		
Outer contact continuity	1.0 milliohm max.		
Average power	600 W @ 900 MHz		
Peak power, max.	15 kW		
Insertion loss, typical	0.05 dB		Per connector
Shielding effectiveness	< -120 dB		@ 0-1 GHz
Mechanical		Specification	
Pull force combined	1.1 kN > 250 lb		Comment
Cable retention torque	6.7 N·m 5 lbf-ft		Cable limited
Interface durability	100 cycles		Cable limited
			IEC 61169-4:9.5
Environmental		Specification	
Operating temperature	-55 °C to +85 °C (-67 °F to 185 °F)		Test
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.