



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

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General		Specification		
Interface/gender	7-16 DIN male right angle			
Cables supported¹	JMA Wireless	JMA12-50	Eupen	EC4
	CommScope	LDF4	LS/Superior Essex	Leoni Flexline 1/2"R
		LDF4RK		HFC 12D
		LDF4 RN		HFAC 12D
	RFS	LCF12	Hansen	RF5012
		LCF12-50JL		RF5012Z
	NK Draka	RFA1200	Belden	RA500
	Rosenberger	SL 1/2" R		RA500R
Wireless Supply	WS12			
Weight	0.461 lb 209.1 g	JMA Weather Protection System	WPS-DRA-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 62037-2	
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.