



[Installation video](#)



[Installation instructions](#)



Contact technical support:  
1-888-201-6073

[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

General		Specification		
<b>Interface/gender</b>	7-16 DIN female			
<b>Cables supported<sup>1</sup></b>	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			
<b>Weight</b>	0.309 lb   140.2g	<b>JMA Weather Protection System</b>	N/A	
Tools required		JMA part number		Comment
<b>Cable preparation</b>	SP-1/2-LDF4D		"U" bit	
<b>Connector compression</b>	HCG-FRAMESET-1/2, HCG-CC		Insert A	
<b>Hex width</b>	32 mm   1-1/4 in.			
Frequency band		VSWR		Return loss (dB)
<b>555–1000 MHz (0-1 GHz)</b>		1.02		40
<b>1000–2700 MHz (1-2 GHz)</b>		1.03		38
<b>2700–3800 MHz (2-4 GHz)</b>		1.05		30
<b>3800–6000 MHz (4-6 GHz)</b>		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, -3	
<b>DC test voltage</b>	4000 V			
<b>Center contact resistance</b>	≤ 0.8 milliohm			
<b>Outer contact continuity</b>	1.5 milliohm max.			
<b>Average power</b>	1100 W @ 900 MHz			
<b>Peak power, max.</b>	40 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>	1.1 kN   >250 lb		Cable limited	
<b>Cable retention torque</b>	6.7 N·m   5 lbf·ft		Cable limited	
<b>Interface durability</b>	50 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.