


[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	Manufacturer	P/N	Manufacturer	P/N	
		JMA12-50	Wireless Supply	WS12	
	JMA Wireless	JMA12R-50		EC4	
		LDF4	Eupen	Leoni Flexline 1/2"R	
		LDF4RK		HFC 12D	
	CommScope	LDF4 RN	LS/Superior Essex	HFAC 12D	
		LCF12		RF5012	
	RFS	LCF12-50JL	Hansen	RF5012Z	
	NK Draka	RFA1200		RA500	
Weight		0.311 lb 141.1 g	Belden	RA500R	
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)	
DC-1000 MHz		1.02		40	
1000-2000 MHz		1.03		36	
2000-4000 MHz		1.05		32	
4000-6000 MHz		1.08		28	
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	

¹For cable types not listed, please contact JMA Technical Support.



UXP-DM-12

7-16 DIN Male Connector for 1/2" Annular Cable

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

08/06/24