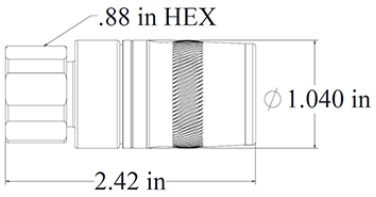
UXP-MDM-12 DISCONTINUED

4.1-9.5 Mini DIN Male Connector for 1/2” Annular Cable



Installation video

Installation instructions

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

General	Specification			
Interface/gender	4.1-9.5 Mini DIN male			
Cables supported[1]	**Manufacturer**	**P/N**	**Manufacturer**	**P/N**
	JMA Wireless	JMA12-50	Wireless Supply	WS12
		JMA12R-50	Eupen	EC4
	CommScope	LDF4		Leoni Flexline 1/2"R
		LDF4RK	LS/Superior Essex	HFC 12D
		LDF4 RN		HFAC 12D
	RFS	LCF12	Hansen	RF5012
		LCF12-50JL		RF5012Z
	NK Draka	RFA1200	Belden	RA500
	Rosenberger	SL 1/2" R		RA500R
Weight	0.287 lb | 130.2 g			
JMA Weather Protection System	WPS-N-4A			

Tools required	JMA part number	Comment
Cable preparation	SP-1/2-LDF4D	"U" bit
Connector compression	HCG-FRAMESET-1/2, HCG-CC	Insert C
Torque wrench	TQ-78-F8	8 lbf·ft | 10.85 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	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	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

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

+1 315.431.7100 customerservice@jmawireless.com

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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

02/09/26