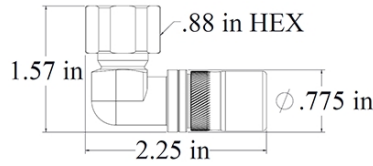




# UXP-MRA-14S

Mini DIN Right Angle Connector for 1/4" Superflexible Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:  
1-888-201-6073

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

General		Specification			
<b>Interface/gender</b>		Mini DIN right angle			
<b>Cables supported<sup>1</sup></b>	<b>Manufacturer</b>	<b>P/N</b>	<b>Manufacturer</b>	<b>P/N</b>	
	JMA Wireless	JMA14S-50	Wireless Supply	WS14/SF	
		JMA14SP-50		HUBER+SUHNER	SUCOFEED 1/4 HFFR
	Trilogy	APC014J50			SUCOFEED 1/4 HF
	CommScope	FSJ1-50A	RFS	SCF14-50J	
		FSJ1RK-50B		SCF14-50JFN	
		PTS1-50-P		Eupen	EC1- 50-HF
	Hansen	RF5014S	Times	SPP-250-LLPL	
RF5014SZ		Times SPO-250			
<b>Weight</b>		0.262 lbs.   118.8 g			
<b>JMA Weather Protection System</b>		WPS-NRA-1S			
<b>Tools required</b>		<b>JMA part number</b>		<b>Comment</b>	
<b>Cable preparation</b>		SP-14S		No coring required	
<b>Connector compression</b>		HCG-FRAMESET-1/4, HCG-CC			
<b>Torque wrench</b>		TQ-78-F8		8 lbf-ft   10.85 N·m	
<b>Frequency band</b>		<b>VSWR</b>		<b>Return loss (dB)</b>	
<b>DC-1000 MHz</b>		1.02		40	
<b>1000-2000 MHz</b>		1.03		36	
<b>2000-4000 MHz</b>		1.05		32	
<b>4000-6000 MHz</b>		1.08		28	
<b>Electrical</b>		<b>Specification</b>		<b>Comment</b>	
<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>		1600 V			
<b>Center contact resistance</b>		≤ 0.8 milliohm			
<b>Outer contact continuity</b>		1.5 milliohm max.			
<b>Average power</b>		600 W @ 900 MHz			
<b>Peak power, max.</b>		6.4 kW			
<b>Insertion loss, typical</b>		0.05 dB		Per connector	
<b>Shielding effectiveness</b>		< -120 dB		@ 0-1 GHz	
<b>Mechanical</b>		<b>Specification</b>		<b>Comment</b>	
<b>Pull force combined</b>		.67 kN   >150 lb		Cable limited	
<b>Cable retention torque</b>		2 N·m   1.5 lbf-ft		Cable limited	
<b>Interface durability</b>		500 cycles		IEC 61169-4:9.5	

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.



# UXP-MRA-14S

## Mini DIN Right Angle Connector for 1/4" Superflexible 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 <sup>2</sup> , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method	1000 hr	IEC 60068-2-11

07/18/23