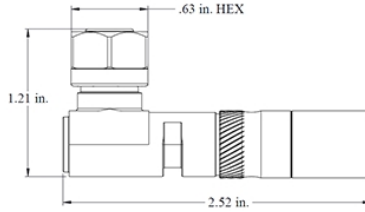




# UXP-2RT-14S-01

## 2.2-5 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>	2.2-5 Right angle male				
<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	SUCOFEEED 1/4 HFFR SUCOFEEED 1/4 HF
	Trilogy	APC014J50	RFS	SCF14-50J SCF14-50JFN	
	CommScope	FSJ1-50A		Eupen	EC1- 50-HF
		FSJ1RK-50B		Times	SPP-250-LLPL Times SPO-250
	Hansen	RF5014S			
		RF5014SZ			
<b>Weight</b>	0.175 lb   79.7 g				
<b>JMA Weather Protection System</b>	WPS-2RT-14S   WPS-2F-14SRA				

Tools required	JMA part number	Comment
<b>Cable preparation</b>	SP-14S	No coring required
<b>Connector compression</b>	HCG-FRAMESET-14B, HCG-CC	
<b>Torque wrench</b>	TQ-916-F6	6 lbf-ft   8.1 N·m

Frequency band	VSWR	Return loss (dB)
<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

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>	1600 V	
<b>Center contact resistance</b>	≤ 0.8 milliohm	
<b>Outer contact continuity</b>	1.0 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

Mechanical	Specification	Comment
<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>	100 cycles	IEC 61169-4:9.5

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





## 2.2-5 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

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