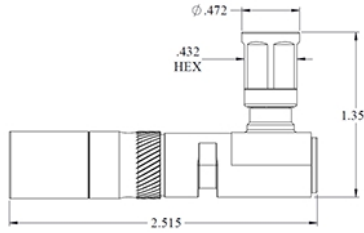




# UXP-1RT-14S-01

## NEX10 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>	NEX10 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	
	Trilogy	APC014J50	SUCOFEEED 1/4 HFFR		
	CommScope	FSJ1-50A	RFS	SUCOFEEED 1/4 HF	
		FSJ1RK-50B		SCF14-50J	
		PTS1-50-P	Eupen	SCF14-50JFN	
	Hansen	RF5014S	Times	EC1- 50-HF	
RF5014SZ		SPP-250-LLPL			
<b>Weight</b>	0.212 lb   96.1 g				
<b>JMA Weather Protection System</b>	WPS-2RT-14S   WPS-1F-14SRA				
<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-14B, HCG-CC				
<b>Torque wrench</b>	TQ-716-F3.7	3.7 lbf-ft   5 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>	1.0 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			
<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>	100 cycles	IEC 61169-4:9.5			

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



# UXP-1RT-14S-01

## NEX10 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

05/29/24