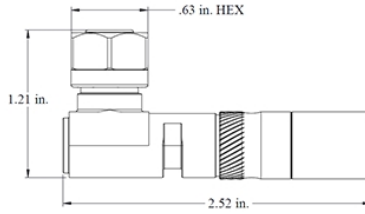




UXP-2RT-14S-01

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

General		Specification			
Interface/gender		2.2-5 Right angle male			
Cables supported¹	Manufacturer	P/N	Manufacturer	P/N	
	JMA Wireless	JMA14S-50	Wireless Supply	WS14/SF	
		JMA14SP-50		HUBER+SUHNER	SUCOFEEED 1/4 HFFR
	Trilogy	APC014J50		SUCOFEEED 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			
Weight		0.175 lb 79.7 g			
JMA Weather Protection System		WPS-2RT-14S WPS-2F-14SRA			
Tools required		JMA part number		Comment	
Cable preparation		SP-14S		No coring required	
Connector compression		HCG-FRAMESET-14B, HCG-CC			
Torque wrench		TQ-916-F6		6 lbf-ft 8.1 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, -3	
DC test voltage		1600 V			
Center contact resistance		≤ 0.8 milliohm			
Outer contact continuity		1.0 milliohm max.			
Average power		600 W @ 900 MHz			
Peak power, max.		6.4 kW			
Insertion loss, typical		0.05 dB		Per connector	
Shielding effectiveness		< -120 dB		@ 0-1 GHz	
Mechanical		Specification		Comment	
Pull force combined		.67 kN >150 lb		Cable limited	
Cable retention torque		2 N·m 1.5 lbf-ft		Cable limited	
Interface durability		100 cycles		IEC 61169-4:9.5	

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



UXP-2RT-14S-01

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 ² , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method	1000 hr	IEC 60068-2-11

07/23/24