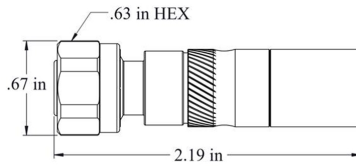




UXP-2MT-14S-01

2.2-5 Male Torque 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 Male, torque type				
Cables supported¹	Manufacturer	P/N	Manufacturer	P/N	
	JMA Wireless	JMA14S-50	Wireless Supply	WS14/SF	
		JMA14SP-50		SUCOFEEED 1/4 HFFR	
	Trilogy	APC014J50	HUBER+SUHNER	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	0.107 lbs. 48.5 g				
JMA Weather Protection System	WPS-2MT-14S-01				
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 8.13 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	1500 V				
Center contact resistance	≤ 2.0 milliohm				
Outer contact continuity	1.0 milliohm max.				
Average power	150 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.



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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

07/23/24