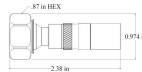


UXP-4MT-14S

4.3-10 Male Torque Connector for 1/4" Superflexible Cable


[Installation video](#)

[Installation instructions](#)


Contact technical support:
1-888-201-6073
techsupport@jmawireless.com


[Download this datasheet](#)

General	Specification			
Interface/gender	4.3-10 Male, torque type			
Cables supported ¹	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	0.220 lbs. 100 g			
JMA Weather Protection System	Boot: WPS-4MT-14S Port seal: WPS-4F			

Tools required	JMA part number	Comment
Cable preparation	SP-14S	No coring required
Torque wrench	TQ-78-F8	8 lbf·ft 10.85 N·m

	Compression tool	Frameset	Comment
Connector compression options	HCG-CC (RP 240 / RP 210-B / RP 100-B)	HCG-FS-14B-01	
	HCG-CC (RP 240 / RP 210-B / RP 100-B)	HCG-FRAMESET-14B	

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	

Electrical	Specification	Comment
Center contact resistance	≤ 0.8 milliohm	
Outer contact continuity	1.0 milliohm max.	
Average power	600 W @ 900 MHz	
Peak power, max.	15 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
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

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

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