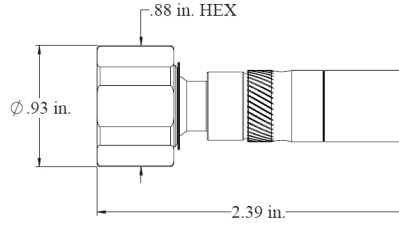




UXP-MDM-14S

Mini DIN Male Connector for 1/4" Superflexible Cable



[Installation video](#)



[Installation instructions](#)



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

General	Specification			
Interface/gender	4.1-9.5 Mini DIN Male			
Cables supported¹	Manufacturer	P/N	Manufacturer	P/N
	JMA Wireless	JMA14S-50	Wireless Supply	WS14/SF
		JMA14SP-50		HUBER+SUHNER
	Trilogy	APC014J50		
	CommScope	FSJ1-50A	RFS	SCF14-50J
		FSJ1RK-50B		SCF14-50JFN
		PTS1-50-P		Eupen
	Hansen	RF5014S	Times	SPP-250-LLPL
RF5014SZ		Times SPO-250		
Weight	0.154 lbs. 69.9 g			
JMA Weather Protection System	WPS-4MT-14S			

Tools required	JMA part number	Comment
Cable preparation	SP-14S	No coring required
Connector compression	HCG-FRAMESET-14B, HCG-CC	
Torque wrench	TQ-78-F8	8 lbf-ft 10.85 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	1.5 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	500 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

07/18/23