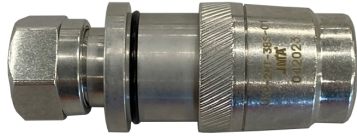




UXP-2MT-38S-01

2.2-5 Male Torque Connector for 3/8" Superflexible Cable



[Installation instructions](#)



Contact technical support:
1-888-201-6073

techsupport@jmawireless.com

General	Specification			
Interface/gender	2.2-5 Male, torque type			
Cables supported ¹	Manufacturer:	P/N	Manufacturer	P/N
	JMA Wireless	JMA38S-50	JMA Wireless	JMA38SP-50
Weight	0.212 lb 96.2 g			
JMA Weather Protection System	WPS-4MT-38S-01			

Tools required	JMA part number	Comment
Cable preparation	SP-38S-01	"J" bit
Connector compression	HCG-FRAMESET-38S, 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; -155 dBc, min	IEC 62037-2, -3
DC test voltage	2500 V	
Center contact resistance	≤ 1.0 milliohm	
Outer contact continuity	1.0 milliohm max.	
Average power	500 W @ 2 GHz	
Peak power, max.	13.2 kW	
Insertion loss, typical	0.05 dB	Per connector
Shielding effectiveness	< -120 dB	@ 0-1 GHz

Mechanical	Specification	Comment
Pull force combined	.78 kN >175 lb	Cable limited
Cable retention torque	6.7 N·m 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.

03/19/24

