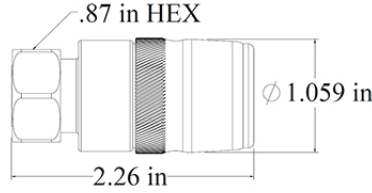




# UXP-4MT-12S

## 4.3-10 Male Torque Connector for 1/2" Superflexible Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:  
1-888-201-6073

[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

General		Specification			
<b>Interface/gender</b>		4.3-10 male			
<b>Cables supported<sup>1</sup></b>	<b>Manufacturer</b>	<b>P/N</b>	<b>Manufacturer</b>	<b>P/N</b>	
	JMA Wireless	JMA12S-50	HUBER+SUHNER	SF 1/2 HF	
		JMA12SR-50	Eupen	EC4HF	
	CommScope	FSJ4	Leoni Flexline	1/2"S	
		FSJ4RK	LS/Superior Essex	HFSC 12D	
		FSJ4RN-50		FSC12DPV	
	RFS	HS4RP	Hansen	RF5012S	
	Rosenbeger	SCF12		RF5012SZ	
NK Draka	SL 1/2" S	Wireless Supply	WS12/SF		
	RFF1200		WS12/SF/WP		
<b>Weight</b>		154.6 g   0.341 lb			
<b>JMA Weather Protection System</b>		WPS-N-4S			
<b>Tools required</b>		<b>JMA part number</b>		<b>Comment</b>	
<b>Cable preparation</b>		SP-12S or SP-12SPL		No coring required	
<b>Connector compression</b>		HCG-FRAMESET-1/2, HCG-CC		Insert D	
<b>Torque wrench</b>		TQ-78-F8		8 lbf·ft   10.85 N·m	
<b>Frequency band</b>		<b>VSWR</b>		<b>Return loss (dB)</b>	
<b>Foam Dielectric</b>	<b>Air Dielectric</b>	<b>Foam Dielectric</b>	<b>Air Dielectric</b>	<b>Foam Dielectric</b>	<b>Air Dielectric</b>
DC-1000 MHz	555-1000 MHz	1.02	1.02	40	40
1000-2000 MHz	1000-2700 MHz	1.03	1.03	36	36
2000-4000 MHz	2700-3800 MHz	1.05	1.07	32	29
4000-6000 MHz	3800-6000 MHz	1.08	1.15	28	23
<b>Electrical</b>		<b>Specification</b>		<b>Comment</b>	
<b>Connector impedance</b>		50 ohm			
<b>Operating frequency band</b>		DC-6 GHz			
<b>3rd order IMD dynamic, (PIM)</b>		-161 dBc, typical		IEC 62037-2	
<b>DC test voltage</b>		2500 V			
<b>Center contact resistance</b>		≤ 0.8 milliohm			
<b>Outer contact continuity</b>		1.5 milliohm max.			
<b>Average power</b>		600 W @ 900 MHz			
<b>Peak power, max.</b>		15 kW			
<b>Insertion loss, typical</b>		0.05 dB		Per connector	
<b>Shielding effectiveness</b>		< -120 dB		@ 0-1 GHz	
<b>Mechanical</b>		<b>Specification</b>		<b>Comment</b>	
<b>Pull force combined</b>		.78 kN   >175 lb		Cable limited	
<b>Cable retention torque</b>		6.7 N·m   5 lbf·ft		Cable limited	
<b>Interface durability</b>		500 cycles		IEC 61169-4:9.5	

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.



# UXP-4MT-12S

## 4.3-10 Male Torque Connector for 1/2" 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 <sup>2</sup> , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method	1000 hr	IEC 60068-2-11

08/06/24