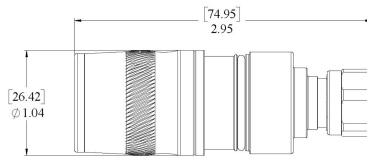




UXP-2MT-12

2.2-5 Male Torque Connector for 1/2" Annular 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	JMA12-50	Eupen	EC4	
	CommScope	LDF4		Leoni Flexline 1/2"R	
		LDF4RK	LS/Superior Essex	HFC 12D	
		LDF4 RN		HFAC 12D	
	RFS	LCF12	Hansen	RF5012	
		LCF12-50JL		RF5012Z	
	NK Draka	RFA1200	Belden	RA500	
Rosenberger	SL 1/2" R	RA500R			
Wireless Supply	WS12				
Weight		107.2 g 0.236 lb			
JMA Weather Protection System		WPS-N-4A / WPS-2F-12			
Tools required		JMA part number	Comment		
Cable preparation		SP-1/2-LDF4D	"U" bit		
Connector compression		HCG-FRAMESET-1/2, HCG-CC	Insert D		
Torque wrench		TQ-916-F2.2	2.2 lbf-ft 2.98 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		
DC test voltage		2500 V			
Center contact resistance		≤1.0 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		1.1 kN > 250 lb	Cable limited		
Cable retention torque		6.7 N·m 5 lbf-ft	Cable limited		
Interface durability		100 cycles	IEC 61169-4:9.5		

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



UXP-2MT-12

2.2-5 Male Torque Connector for 1/2" Annular 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 ² , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method	1000 hr	IEC 60068-2-11

07/17/23