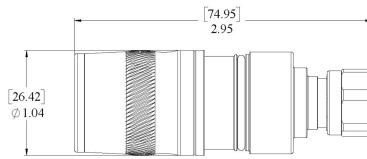




UXP-2MT-12-01

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	Wireless Supply	WS12
		JMA12R-50		EC4
	CommScope	LDF4	Eupen	Leoni Flexline 1/2"R
		LDF4RK		HFC 12D
		LDF4 RN		HFAC 12D
	RFS	LCF12	LS/Superior Essex	RF5012
		LCF12-50JL		RF5012Z
NK Draka	RFA1200	Belden	RA500	
Rosenberger	SL 1/2" R		RA500R	
Weight	107.2 g 0.236 lb			
JMA Weather Protection System	Boot: WPS-N-4A Port seal: WPS-2F-12			

Tools required	JMA part number	Comment
Cable preparation	SP-1/2-LDF4D	"U" bit
Torque wrench	TQ-916-F6	6.0 lbf·ft 8.13 N·m

	Compression tool	Frameset	Insert
Connector compression options	HCG-CC (RP 240 / RP 210-B / RP 100-B)	HCG-FS-12-01	HCG-INS1-12-01 (Insert 1)
	HCG-CC (RP 240 / RP 210-B / RP 100-B)	HCG-FRAMESET-1/2	HCG-INSERTD-1/2 (Insert D)

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.



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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

04/30/26