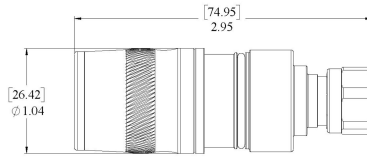




UPL-2MT-12

2.2-5 Male Torque Connector for 1/2" Plenum 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	JMA Wireless	JMA12P-50	RFS	ICA12-50JPL	Wireless Supply	12/WP	
	CommScope	HL4RPV-50		ICA12-50JPLB	Rosenberger	RLCX-SL012R	
		HL4RPV-50B		ICA12-50JPLR	Eupen	EC4-50PL	
		HL4RPV-50R		ICA12-50JPLW	Belden	RA500P	
		AL4RPV-50		ICA12-50JPLL	Acome	HPL 50-1/2F	
		HUBER+SUHNER		Sucofeed_1/2_PW		HPL 50-1/2F ALU	
	LS/Superior Essex	LHF12DPV					
Weight	107.2 g 0.236 lb						
JMA Weather Protection System		N/A					
Tools required		JMA part number		Comment			
Cable preparation		SP-12PL		Bit "PL" all cables			
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)			
555–1000 MHz		1.02		40			
1000–2700 MHz		1.03		36			
2700–3800 MHz		1.05		32			
3800–6000 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		250 W @ 900 MHz					
Peak power, max.		10 kW					
Insertion loss, typical		0.05 dB			Per connector		
Shielding effectiveness		< -120 dB			@ 0-1 GHz		
Mechanical		Specification			Comment		
Pull force combined		.89 kN > 200 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.

12/08/22