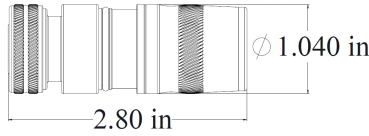




UPL-4MP-12T

4.3-10 Male Push-Pull Connector for 1/2" Trilogy Plenum Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

techsupport@jmawireless.com

General		Specification		
Interface/gender	4.3-10 Male, push-pull type			
Cables supported¹	Trilogy	Manufacturer	P/N	
			AP6012J50	
			APC012J50	
			AC012R50	
			AC012J50	
			AP012U50	
			ACC012J50	
	ACC012R50			
Weight	129 g 0.284 lb			
JMA Weather Protection System	N/A			
Tools required		JMA part number	Comment	
Cable preparation		SP-12PL-01		
Torque wrench		N/A		
		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)		
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		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		.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	

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



UPL-4MP-12T

4.3-10 Male Push-Pull Connector for 1/2" Trilogy Plenum 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

05/05/26