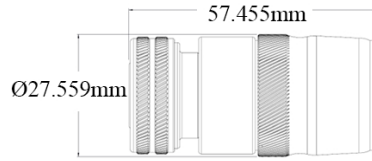


UPL-4MP-12S

4.3-10 Male Push-Pull Connector for 1/2" Superflexible 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 supported ¹	CommScope	HS4RP	Superior Essex H	FSC12DPV	
	Wireless Supply	WS12/SF/WP			
Weight	114.3 g 0.252 lb				
JMA Weather Protection System	N/A				
Tools required		JMA part number		Comment	
Cable preparation	SP-12SPL		No coring required		
Connector compression	HCG-FRAMESET-1/2, HCG-CC		Insert D		
Torque wrench	N/A				
Frequency band		VSWR		Return loss (dB)	
555–1000 MHz		1.02		40	
1000–2700 MHz		1.03		38	
2700–3800 MHz		1.07		30	
3800–6000 MHz		1.15		26	
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	.78 kN > 175 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.