



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

General		Specification	
Interface/gender	4.3-10 Female		
Cables supported <sup>1</sup>	Trilogy	AP6012J50	
		APC012J50	
		AC012R50	
		AC012J50	
		AP012U50	
		ACC012J50	
ACC012R50			
Weight	122 g   0.269 lb		
JMA Weather Protection System	N/A		
Tools required		JMA part number	Comment
Cable preparation		SP-12PL	Bit PL; marking guide included with connector
Connector compression		HCG-FRAMESET-1/2, HCG-CC	Insert D
Hex width		25 mm   1 in.	
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	
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	
Pull force combined		.89 kN   > 200 lb	
Cable retention torque		6.7 N·m   5 lbf·ft	
Interface durability		100 cycles	
		IEC 61169-4:9.5	
Environmental		Specification	
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 <sup>2</sup> , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method		1000 hr	IEC 60068-2-11

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.