


[Installation video](#)

[Installation instructions](#)


Contact technical support:

1-888-201-6073

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

General		Specification	
Interface/gender	N Female		
Cables supported <sup>1</sup>	Trilogy AP6012J50, APC012J50, AC012R50, AC012J50, AP012U50, ACC012J50, ACC012R50		
Weight	116.1 g   0.256 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 B
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	Comment
Connector impedance	50 ohm		
Operating frequency band	DC–6 GHz		
3rd order IMD dynamic, (PIM)	-161 dBc, typical		IEC 60237-02
DC test voltage	2000 V		
Center contact resistance	≤ 1.5 milliohm		
Outer contact continuity	0.3 milliohm max.		
Average power	600 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	50 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 <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.

02/13/20