



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073
techsupport@jmawireless.com

General		Specification
Interface/gender	7-16 Female	
Cables supported ¹	Andrew HJ5, HJ5RP, HJ5RPV; RFS HCA78	
Weight	285 g 0.629 lb	
JMA Weather Protection System	N/A	
Tools required		JMA part number
Cable preparation	SP-78PL	Comment
Connector compression	HCG-FRAMESET-78, HCG-CC	No coring required
Hex width	35 mm 1-3/8 in.	
Frequency band		VSWR
555–1000 MHz	1.02	Return loss (dB)
1000–2700 MHz	1.03	40
2700–3800 MHz	1.05	36
3800–6000 MHz	1.08	32
		28
Electrical		Specification
Connector impedance	50 ohm	Comment
Operating frequency band	DC–6 GHz	
3rd order IMD dynamic, (PIM)	-161 dBc, typical	IEC 60237-02
DC test voltage	4000 V	
Center contact resistance	≤ 0.4 milliohm	
Outer contact continuity	1.5 milliohm max.	
Average power	3000 W @ 900 MHz	
Peak power, max.	40 kW	
Insertion loss, typical	0.05 dB	Per connector
Shielding effectiveness	< -120 dB	@ 0-1 GHz
Mechanical		Specification
Pull force combined	1.56 kN > 350 lb	Comment
Cable retention torque	21.7 N·m 16 lbf·ft	Cable limited
Interface durability	50 cycles	Cable limited
		IEC 61169-4:9.5
Environmental		Specification
Operating temperature	-55 °C to +85 °C (-67 °F to 185 °F)	Test
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.