



[Installation video](#)



[Installation instructions](#)



Contact technical support:

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General		Specification	
Interface/gender		4.3-10 Right angle male	
Cables supported <sup>1</sup>		Andrew HS4RP, Superior Essex HFSC12DPV	
Weight		192 g   0.423 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 A
Torque wrench		TQ-78-F8	10.85 N·m   8 lbf·ft
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		2500 V	
Center contact resistance		≤ 0.8 milliohm	
Outer contact continuity		1.5 milliohm max.	
Average power		1000 W @ 900 MHz	
Peak power, max.		16 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		500 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.