



[Installation video](#)



[Installation instructions](#)



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

General		Specification		
Interface/gender	N Male			
Cables supported ¹	CommScope	HS4RP	Superior Essex H	FSC12DPV
	Wireless Supply	WS12/SF/WP		
Weight	125.6 g 0.277 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 B	
Torque wrench	TW1412		1.58 N·m 14 lbf·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 62037-2	
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	.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 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.