



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

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General		Specification	
Interface/gender		4.3-10 Female	
Cables supported ¹		Andrew FSJ4, FSJ4RK, FSJ4RN-50; RFS SCF 12; NK Draka RFF 1200; Eupen EC4HF; Leoni Flexline 1/2"S; LS/Superior Essex HFSC 12D; Hansen RF5012S, RF5012SZ; Rosenbeger SL 1/2" S; HUBER+SUHNER SF 1/2 HF	
Weight		0.314 lb 142.4 g	
JMA Weather Protection System		N/A	
Tools required		JMA part number	Comment
Cable preparation		SP-12S	No coring required
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 (0-1 GHz)	1.02	40	
1000–2700 MHz (1-2 GHz)	1.03	38	
2700–3800 MHz (2-4 GHz)	1.05	30	
3800–6000 MHz (4-6 GHz)	1.08	26	
Electrical		Specification	Comment
Connector impedance		50 ohm	
Operating frequency band		DC–6 GHz	
3rd order IMD dynamic, (PIM)		-161 dBc, typical	IEC 60237-02, -3
DC test voltage		2500 V	
Center contact resistance		≤ 0.8 milliohm	
Outer contact continuity		1.5 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	Comment
Pull force combined		.78 kN > 175 lb	Cable limited
Cable retention torque		6.7 N·m 5 lbf·ft	Cable limited
Interface durability		100 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.

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