



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073
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General		Specification	
Interface/gender	7-16 Mini DIN female		
Cables supported ¹	Andrew LDF4, LDF4RK, LDF4 RN; RFS LCF12, LCF12-50JL; NK Draka RFA1200; Eupen EC4, Leoni Flexline 1/2"R; LS/Superior Essex HFC 12D, HFAC 12D; Hansen RF5012, RF5012Z; Rosenberger SL 1/2" R; Belden RA500, RA500R		
Weight	0.287 lb 130.2g		
JMA Weather Protection System			
Tools required		JMA part number	Comment
Cable preparation	SP-1/2-LDF4D		"U" bit
Connector compression	HCG-FRAMESET-1/2, HCG-CC		Insert C
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	≤ 1.0 milliohm		
Outer contact continuity	1.0 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	1.1 kN >250 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 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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