



[Installation video](#)



[Installation instructions](#)



Contact technical support:

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General		Specification	
Interface/gender	7-16 DIN male		
Cables supported <sup>1</sup>	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	0.311 lb   141.1 g		
JMA Weather Protection System	WPS-4A		
Tools required	JMA part number	Comment	
Cable preparation	SP-1/2-LDF4D	"U" bit	
Connector compression	HCG-FRAMESET-1/2, HCG-CC	Insert A	
Torque wrench	TQ-114-F18	18 lbf·ft   24.4 N·m	
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	
DC test voltage	4000 V		
Center contact resistance	≤ 0.8 milliohm		
Outer contact continuity	1.5 milliohm max.		
Average power	1100 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	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	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.

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