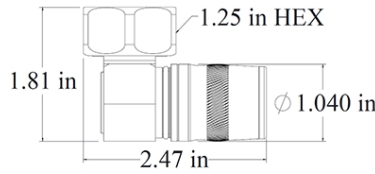




# UXP-DRA-12L

## 7-16 DIN Male Right Angle Connector for LS LHF12D Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:  
1-888-201-6073  
[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

General		Specification		
Interface/gender	7-16 Male right angle			
Cables supported <sup>1</sup>	Manufacturer	P/N		
	LS/Superior Essex	LHF 12D		
Weight	209.1 g   0.461 lb			
JMA Weather Protection System	WPS-DRA-4A			
Tools required		JMA part number		Comment
Cable preparation	SP-1/2-LH4D		"U" bit	
Connector compression	HCG-FRAMESET-1/2, HCG-CC		Insert D	
Torque wrench	TQ-114-F18		18 lbf-ft   24.4 N·m	
Frequency band		VSWR	Return loss (dB)	
DC-1000 MHz		1.02	40	
1000-2000 MHz		1.03	36	
2000-4000 MHz		1.05	32	
4000-6000 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		4000 V		
Center contact resistance		≤ 0.8 milliohm		
Outer contact continuity		1.50 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		0.9 kN   >200 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.

07/18/23

