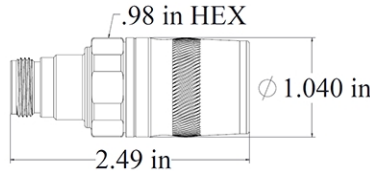




# UXP-NF-12

## N Female Connector for 1/2" Annular Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

General		Specification			
<b>Interface/gender</b>	N female				
<b>Cables supported<sup>1</sup></b>	<b>Manufacturer</b>	<b>P/N</b>	<b>Manufacturer</b>	<b>P/N</b>	
	JMA Wireless	JMA12-50	Wireless Supply	WS12	
		JMA12R-50		EC4	
	CommScope	LDF4	Eupen	Leoni Flexline 1/2"R	
		LDF4RK		LS/Superior Essex	
		LDF4 RN		HFC 12D	
	RFS	LCF12	Hansen	RF5012	
		LCF12-50JL		RF5012Z	
	NK Draka	RFA1200	Belden	RA500	
Rosenberger	SL 1/2" R	RA500R			
<b>Weight</b>	0.256 lb   116.1 g				
<b>JMA Weather Protection System</b>	N/A				
<b>Tools required</b>	<b>JMA part number</b>			<b>Comment</b>	
<b>Cable preparation</b>	SP-1/2-LDF4D			"U" bit	
<b>Hex width</b>				25 mm   1 in.	
<b>Connector compression options</b>	<b>Compression tool</b>		<b>Frameset</b>	<b>Insert</b>	
	HCG-CC ( RP 240 / RP 210-B / RP 100-B)		HCG-FS-12-01	HCG-INS3-12-01 (Insert 3)	
	HCG-CC ( RP 240 / RP 210-B / RP 100-B)		HCG-FRAMESET-1/2	HCG-INSERTB-1/2 (Insert B)	
<b>Frequency band</b>	<b>VSWR</b>		<b>Return loss (dB)</b>		
DC-1000 MHz	1.02		40		
1000-2000 MHz	1.03		36		
2000-4000 MHz	1.05		32		
4000-6000 MHz	1.08		28		
<b>Electrical</b>	<b>Specification</b>			<b>Comment</b>	
<b>Connector impedance</b>	50 ohm				
<b>Operating frequency band</b>	DC-6 GHz				
<b>3rd order IMD dynamic, (PIM)</b>	-161 dBc, typical			IEC 62037-2, -3	
<b>DC test voltage</b>	2000 V				
<b>Center contact resistance</b>	≤ 1.5 milliohm				
<b>Outer contact continuity</b>	0.3 milliohm max.				
<b>Average power</b>	600 W @ 900 MHz				
<b>Peak power, max.</b>	10 kW				
<b>Insertion loss, typical</b>	0.05 dB			Per connector	
<b>Shielding effectiveness</b>	< -120 dB			@ 0-1 GHz	
<b>Mechanical</b>	<b>Specification</b>			<b>Comment</b>	
<b>Pull force combined</b>	1.1 kN   >250 lb			Cable limited	
<b>Cable retention torque</b>	6.7 N·m   5 lbf·ft			Cable limited	
<b>Interface durability</b>	50 cycles			IEC 61169-4:9.5	

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.



# UXP-NF-12

## N Female Connector for 1/2" Annular Cable

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

04/21/26