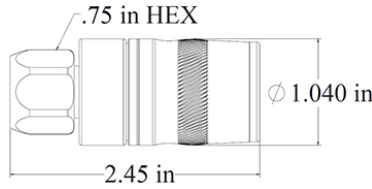




# UXP-NM-12

## N Male 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 male				
<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		Eupen	EC4
	CommScope	LDF4	LS/Superior Essex	Leoni Flexline 1/2"R	
		LDF4RK		HFC 12D	
		LDF4 RN		HFAC 12D	
	RFS	LCF12	Hansen	RF5012	
		LCF12-50JL		RF5012Z	
NK Draka	RFA1200	Belden	RA500		
Rosenberger	SL 1/2" R		RA500R		
<b>Weight</b>	0.261 lb   118.4 g				
<b>JMA Weather Protection System</b>	Boot: <a href="#">WPS-N-4A</a>   Port seal: <a href="#">WPS-NF</a>				

Tools required	JMA part number	Comment
<b>Cable preparation</b>	SP-1/2-LDF4D	"U" bit
<b>Torque wrench</b>	TW1412	14 lbf-in   1.58 N·m

	Compression tool	Frameset	Insert
<b>Connector compression options</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)

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
<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
<b>DC test voltage</b>	2000 V	
<b>Center contact resistance</b>	≤ 01.5 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

Mechanical	Specification	Comment
<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>	500 cycles	IEC 61169-4:9.5

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



# UXP-NM-12

## N Male 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