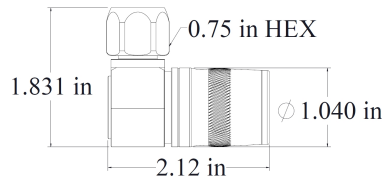




UPL-NRA-12T

N Male Right Angle Connector for 1/2" Trilogy Plenum Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

techsupport@jmawireless.com

General		Specification			
Interface/gender		N Male			
Cables supported ¹	Manufacturer	P/N			
		AP6012J50			
		APC012J50			
		AC012R50			
		AC012J50			
		AP012U50			
		ACC012J50			
		ACC012R50			
Weight		163.3 g 0.360 lb			
JMA Weather Protection System		N/A			
Tools required		JMA part number		Comment	
Cable preparation		SP-12PL-01			
Connector compression		HCG-FRAMESET-1/2, HCG-CC		Insert A	
Torque wrench		TW1412		1.58 N·m 14 lbf·in	
Frequency band		VSWR		Return loss (dB)	
555–1000 MHz		1.02		40	
1000–2700 MHz		1.03		36	
2700–3800 MHz		1.05		32	
3800–6000 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		2000 V			
Center contact resistance		≤ 1.5 milliohm			
Outer contact continuity		0.3 milliohm max.			
Average power		600 W @ 900 MHz			
Peak power, max.		10 kW			
Insertion loss, typical		0.05 dB		Per connector	
Shielding effectiveness		< -120 dB		@ 0-1 GHz	
Mechanical		Specification		Comment	
Pull force combined		.89 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	

¹For cable types not listed, please contact JMA Technical Support.



UPL-NRA-12T

N Male Right Angle Connector for 1/2" Trilogy Plenum 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 ² , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method	1000 hr	IEC 60068-2-11

04/30/25