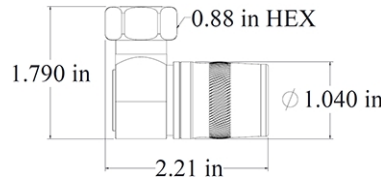
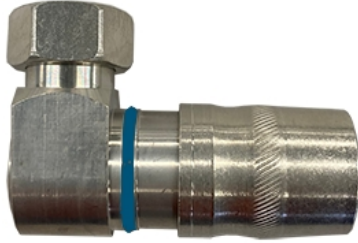




UPL-4RT-12

4.3-10 Right Angle Connector for 1/2" Plenum Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073
techsupport@jmawireless.com

General		Specification			
Interface/gender	4.3-10 Right angle male				
Cables supported¹	Manufacturer	P/N	Manufacturer	P/N	Manufacturer
	JMA Wireless	JMA12P-50	RFS	ICA12-50JPL	Wireless Supply
	CommScope	HL4RPV-50		ICA12-50JPLB	Rosenberger
		HL4RPV-50B		ICA12-50JPLR	Eupen
		HL4RPV-50R		ICA12-50JPLW	Belden
		AL4RPV-50		ICA12-50JPLL	Acome
	HUBER+SUHNER	Sucofeed_1/2_PW		ICA12-50JPLLW	
	LS/Superior Essex	LHF12DPV			
Weight	172.8 g 0.381 lb				
JMA Weather Protection System	N/A				
Tools required	JMA part number		Comment		
Cable preparation	SP-12PL-01		Bit "V1" all cables		
Torque wrench	TQ-78-F8		8 lbf-ft 10.85 N·m		
Connector compression options	Compression tool		Frameset	Insert	
	HCG-CC (RP 240 / RP 210-B / RP 100-B)		HCG-FS-12-01	HCG-INS2-12-01 (Insert 2)	
HCG-CC (RP 240 / RP 210-B / RP 100-B)		HCG-FRAMESET-1/2	HCG-INSERTA-1/2 (Insert A)		
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	2500 V				
Center contact resistance	≤1.0 milliohm				
Outer contact continuity	1.0 milliohm max.				
Average power	600 W @ 900 MHz				
Peak power, max.	15 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	100 cycles		IEC 61169-4:9.5		

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





UPL-4RT-12

4.3-10 Right Angle Connector for 1/2" 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

05/05/26