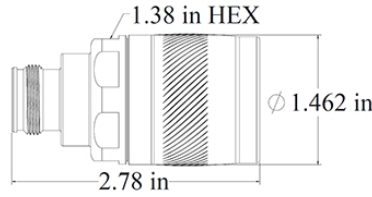




UXP-4F-78

4.3-10 Female Connector for 7/8" Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

techsupport@jmawireless.com

General		Specification			
Interface/gender	4.3-10 Female				
Cables supported¹	Manufacturer	P/N	Manufacturer	P/N	
		AVA5, AVA5RK	Eupen	EC5	
		AL5	GT-SAT	HCTAY-50-22	
		LDF5	Leoni Flexline	7/8"R	
	RFS	VXL5	LS/Superior Essex	LHF 22D	
		LCF78		LHF-22DU	
		LCF78-50JL	Hansen	RF5078	
		UCF78	Rosenberger	SL 7/8"	
NK Draka	RFA78	Hengxin	HCTAY-50-22		
Weight	0.568 lb 257.6 g				
JMA Weather Protection System	N/A				
Tools required		JMA part number	Comment		
Cable preparation		SP-78	No coring required		
Connector compression		HCG-FRAMESET-7/8, HCG-CC			
Hex width		35 mm 1-3/8 in.			
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, -3	
DC test voltage		4000 V			
Center contact resistance		≤0.4 milliohm			
Outer contact continuity		1.5 milliohm max.			
Average power		3000 W @ 900 MHz			
Peak power, max.		40 kW			
Insertion loss, typical		0.05 dB		Per connector	
Shielding effectiveness		< -130 dB		@ 0-1 GHz	
Mechanical		Specification		Comment	
Pull force combined		1.56 kN > 350 lb		Cable limited	
Cable retention torque		21.69 N·m 16 lbf·ft		Cable limited	
Interface durability		100 cycles		IEC 61169-4:9.5	

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



UXP-4F-78

4.3-10 Female Connector for 7/8" 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

05/29/24