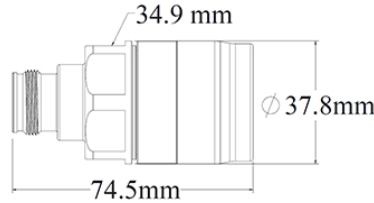




CXP-4F-78FX

4.3-10 Female Connector for 7/8" Cable



[Installation instructions](#)



Contact technical support:

1-888-201-6073

techsupport@jmawireless.com

General		Specification
Interface/gender	4.3-10 Female	
Cables supported ¹	CommScope AVA5-50FX, AVA5RK-50FX	
Weight	202.8 g 0.447 lb	
JMA Weather Protection System	N/A	
Tools required		JMA part number
Cable preparation	SP-78FX	
Connector compression	HCG-FRAMESET-7/8, HCG-CC	
Hex width	35 mm 1-3/8 in.	
Frequency band		VSWR
555–1000 MHz	1.02	
1000–2700 MHz	1.03	
2700–3800 MHz	1.07	
3800–6000 MHz	1.15	
Electrical		Specification
Connector impedance	50 ohm	
Operating frequency band	DC to 6 GHz	
3rd order IMD dynamic, (PIM)	-161 dBc, typical	
DC test voltage	4000 V	
Center contact resistance	≤0.40 milliohm	
Outer contact continuity	1.50 milliohm max.	
Average power	3000 W @ 900 MHz	
Peak power, max.	40 kW	
Insertion loss, typical	0.05 dB	
Shielding effectiveness	< -130 dB	
Mechanical		Specification
Pull force combined	1.56 kN > 350 lb	
Cable/connector torque	21.69 N·m 16 lbf·ft	
Interface durability	100 cycles	
Environmental		Specification
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	
Immersion test method	Mated & unmated, IP68	
Water jetting test method	Mated & unmated, IP66	
Mechanical shock test method	Pass	
Thermal shock test method	Pass	
Vibration test method	100 m/s ² , 2 Hz to 200 Hz	
Corrosion test method	750 hr	

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

11/15/23