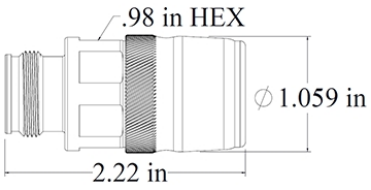
UXP-4F-12S

DISCONTINUED

4.3-10 Female Connector for 1/2” Superflexible Cable





Installation video

Installation instructions

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

General	Specification			
Interface/gender	4.3-10 Female			
Cables supported[1]	**Manufacturer**	**P/N**	**Manufacturer**	**P/N**
	JMA Wireless	JMA12S-50	HUBER+SUHNER	SF 1/2 HF
		JMA12SR-50	Eupen	EC4HF
	CommScope	FSJ4	Leoni Flexline	1/2"S
		FSJ4RK	LS/Superior Essex	HFSC 12D
		FSJ4RN-50		FSC12DPV
		HS4RP	Hansen	RF5012S
	RFS	SCF12		RF5012SZ
	Rosenbeger	SL 1/2" S	Wireless Supply	WS12/SF
	NK Draka	RFF1200		WS12/SF/WP
Weight	0.314 lb | 142.4 g			
JMA Weather Protection System	N/A			

Tools required	JMA part number	Comment
Cable preparation	SP-12S or SP-12SPL	No coring required
Connector compression	HCG-FRAMESET-1/2, HCG-CC	Insert D
Hex width	25 mm | 1 in.	

Frequency band		VSWR		Return loss (dB)	
Foam Dielectric	**Air Dielectric**	**Foam Dielectric**	**Air Dielectric**	**Foam Dielectric**	**Air Dielectric**
DC-1000 MHz	555-1000 MHz	1.02	1.02	40	40
1000–2000 MHz	1000–2700 MHz	1.03	1.03	36	36
2000–4000 MHz	2700–3800 MHz	1.05	1.07	32	29
4000–6000 MHz	3800–6000 MHz	1.08	1.15	28	23

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	2500 V	
Center contact resistance	≤ 0.8 milliohm	
Outer contact continuity	1.5 milliohm max.	
Average power	1000 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	.78 kN | > 175 lb	Cable limited
Cable retention torque	6.7 N·m | 5 lbf·ft	Cable limited
Interface durability	100 cycles	IEC 61169-4:9.5

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

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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

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