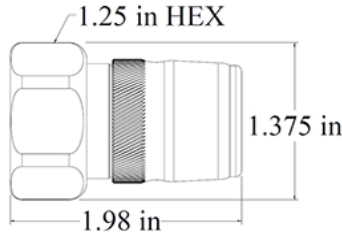




UXP-DM-12S

7-16 DIN Male Connector for 1/2" Superflexible Cable



[Installation video \(Foam Dielectric\)](#)

[Installation video \(Air Dielectric\)](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

techsupport@jmawireless.com

General		Specification			
Interface/gender		7-16 DIN male			
Cables supported¹	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		141.1 g 0.311 lb			
JMA Weather Protection System		WPS-4S			
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 A	
Torque wrench		TQ-114-F18		18 lbf-ft 24.4 N·m	
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	
DC test voltage		2500 V			
Center contact resistance		≤ 0.8 milliohm			
Outer contact continuity		1.50 milliohm max.			
Average power		1000 W @ 900 MHz			
Peak power, max.		16 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		500 cycles		IEC 61169-4:9.5	

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



UXP-DM-12S

7-16 DIN Male Connector for 1/2" Superflexible 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

08/06/24