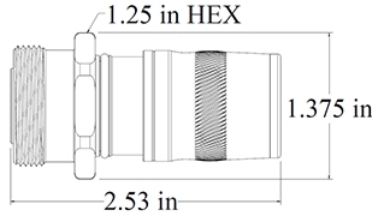




UXP-DF-12

7-16 DIN Female Connector for 1/2" Annular Cable



[Installation video](#)



[Installation instructions](#)



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

General		Specification			
Interface/gender	7-16 DIN female				
Cables supported¹	Manufacturer	P/N	Manufacturer	P/N	
	JMA Wireless	JMA12-50	Wireless Supply	WS12	
		JMA12R-50		EC4	
	CommScope	LDF4	Eupen	Leoni Flexline 1/2"R	
		LDF4RK		HFC 12D	
		LDF4 RN	LS/Superior Essex	HFAC 12D	
	RFS	LCF12	Hansen	RF5012	
		LCF12-50JL		RF5012Z	
NK Draka	RFA1200	Belden	RA500		
Rosenberger	SL 1/2" R		RA500R		
Weight	0.309 lb 140.2g				
JMA Weather Protection System	N/A				
Tools required	JMA part number			Comment	
Cable preparation	SP-1/2-LDF4D			"U" bit	
Hex width				32 mm 1-1/4 in.	
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)		
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	≤ 0.8 milliohm				
Outer contact continuity	1.5 milliohm max.				
Average power	1100 W @ 900 MHz				
Peak power, max.	40 kW				
Insertion loss, typical	0.05 dB			Per connector	
Shielding effectiveness	< -120 dB			@ 0-1 GHz	
Mechanical	Specification			Comment	
Pull force combined	1.1 kN >250 lb			Cable limited	
Cable retention torque	6.7 N·m 5 lbf·ft			Cable limited	
Interface durability	50 cycles			IEC 61169-4:9.5	

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



UXP-DF-12

7-16 DIN Female Connector for 1/2" Annular 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

04/21/26