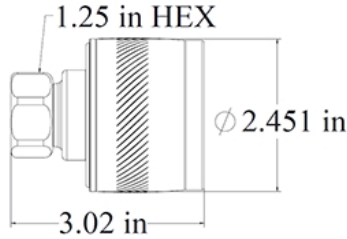




# UXP-DM-158

## 7-16 DIN Male Connector for 1 5/8" Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

General		Specification			
Interface/gender	7-16 DIN male				
Cables supported <sup>1</sup>	Manufacturer	P/N	Manufacturer	P/N	
	RFS	LCG158	CommScope	AVA7	
	NK Draka	RFA158		AVA7RK	
	Eupen	EC7		AL7	
	LS/Superior	LHF 42D		VXL7	
	Essex	LHF-42DUF		LDF76	
Rosenberger	SL 1-5/8"R				
Weight	1.168 lb   529.8 g				
JMA Weather Protection System	WPS-7				
Tools required	JMA part number	Comment			
Cable preparation	SP-158	No coring required			
Connector compression	HCG-FRAMESET-158, HCG-CC				
Torque wrench	TQ-114-F18	18 lbf·ft   24.4 N·m			
Frequency band	VSWR	Return loss (dB)			
DC-1000 MHz	1.02	40			
1000-2000 MHz	1.03	38			
2000-4000 MHz	1.05	30			
4000-6000 MHz	1.08	26			
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	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	2.67 kN   >600 lb	Cable limited			
Cable retention torque	67.8 N·m   50 lbf·ft	Cable limited			
Interface durability	500 cycles	IEC 61169-4:9.5			

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.



# UXP-DM-158

## 7-16 DIN Male Connector for 1 5/8" 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 <sup>2</sup> , 2 Hz to 200 Hz	IEC 61169-1:2003
Corrosion test method	1000 hr	IEC 60068-2-11

03/21/23