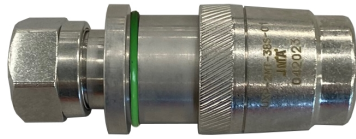




UXP-2MT-38SA-01

2.2-5 Male Torque Connector for 3/8" Superflexible Alternate Cable



[Installation instructions](#)



Contact technical support:

1-888-201-6073

techsupport@jmawireless.com

General		Specification			
Interface/gender	2.2-5 Male, torque type				
Cables supported ¹	Manufacturer:	P/N	Manufacturer	P/N	
	Eupen	EC2-50-HF	Amphenol	AFY-50-38SLL-PE	
Weight	0.212 lb 96.2 g				
JMA Weather Protection System	WPS-4MT-38S-01				
Tools required		JMA part number		Comment	
Cable preparation	SP-38S-01		"SA" bit		
Connector compression	HCG-FRAMESET-38S, HCG-CC				
Torque wrench	TQ-916-F6		6 lbf-ft 8.13 N·m		
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; -155 dBc, min		IEC 62037-2, -3	
DC test voltage		2500 V			
Center contact resistance		≤ 1.0 milliohm			
Outer contact continuity		1.0 milliohm max.			
Average power		500 W @ 2 GHz			
Peak power, max.		13.2 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	
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	

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

03/19/24

