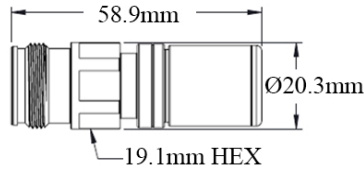




CXP-4F-14S

4.3-10 Female Connector for 1/4" Superflexible Cable



[Installation instructions](#)



Contact technical support:

1-888-201-6073

techsupport@jmawireless.com

General		Specification		
Interface/gender		4.3-10 Female		
Cables supported¹	RFS	SCF14-50J	Times	SPP-250-LLPL
		SCF14-50JFN		SPO-250
	CommScope	FSJ1-50A	Hansen	RF5014S
		FSJ1RK-50B		RF5014SZ
Eupen	EC1-50-HF	HUBER+SUHNER	SUCOFEED 1/4 HFFR	
Weight		116 g 0.255 lb		
JMA Weather Protection System		N/A		
Tools required		JMA part number		Comment
Cable preparation		SP-14S		No coring required
Connector compression		HCG-FRAMESET-1/4, HCG-CC		
Hex width		19 mm 3/4 in.		
Frequency band		VSWR		Return loss (dB)
555–1000 MHz		1.02		40
1000–2700 MHz		1.03		36
2700–3800 MHz		1.07		32
3800–6000 MHz		1.15		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
DC test voltage		1600 V		
Center contact resistance		≤0.80 milliohm		
Outer contact continuity		1.50 milliohm max.		
Average power		600 W @ 900 MHz		
Peak power, max.		6.4 kW		
Insertion loss, typical		0.05 dB		Per connector
Shielding effectiveness		< -120 dB		@ 0-1 GHz
Mechanical		Specification		Comment
Pull force combined		.67 kN > 150 lb		Cable limited
Cable retention torque		2 N·m 1.5 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		750 hr		IEC 60068-2-11

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

08/17/23