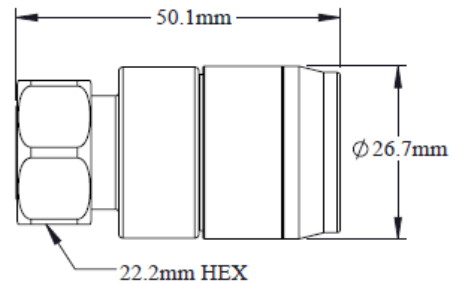


CXP-4MT-12S

4.3-10 Male Connector for 1/2" Superflexible Cable



General	Specification	Comment
Interface/gender	4.3-10 Male	
Cables supported	Andrew FSJ4, FSJ4RK; RFS SCF12; NK Draka RFF1200; Eupen EC4HF; Leoni Flexline 1/2"S; LS/Superior Essex HFSC 12D; Hansen RF5012S, RF5012SZ; Rosenbeger SL 1/2" S; Huber+Suhner SF 1/2 HF	
Weight	114.3 g 0.252 lb	
WPS weather protection	Boot: WPS-N-4S	Port seal: WPS-4F (confirm port dimensions)
Return loss/VSWR		
Frequency band	VSWR	Return loss (dB)
555–1000 MHz	1.02	40
1000–2700 MHz	1.03	38
2700–3800 MHz	1.07	30
3800–6000 MHz	1.15	26
Tools required		
Cable preparation	SP-12S	No coring required
Connector compression	HCG-FRAMESET-1/2, HCG-CC	Insert D
Torque wrench	TQ-78-F8	10.8 N m 8 lbf·ft
Electrical		
Connector impedance	50 ohm	
Operating frequency band	DC–6 GHz	
3rd order IMD dynamic, (PIM)	-161 dBc typical	IEC 60237-02
DC test voltage	2500 V	
Center contact resistance	≤1.50 milliohm	
Outer contact continuity	1.50 milliohm max	
Average power	500 W @ 900 MHz	
Peak power, max.	15 kW	
Insertion loss, typical	0.05 dB	Per connector
Shielding effectiveness	< -120 dB	@ 0–1 GHz
Mechanical		
Pull force combined	.78 kN > 175 lb	Cable limited
Cable/connector torque	6.7 N m 5 lbf·ft	Cable limited
Interface durability	500 cycles	IEC 61169-4:9.5
Environmental		
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 G53
Immersion test method	Mated & unmated	IEC 60529:2001, IP68 & ANSI/SCTE 60
Water jetting test method	Mated & unmated	IEC 60529:2001, IP66
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