

UXP-4F-14S



UXP-4F-14S DATA SHEET

4.3–10 Female Connector for 1/4” Superflexible Cables

Mechanical	Specification	Comment
Pull Force Combined	> 150 lbs .67 kN	Cable limited
Cable/Connector Torque	1.5 ft-lbs 2 N-m	Cable limited
Interface Durability	50 Cycles	
Electrical	Specification	Comment
Frequency Range	DC to 6 GHz	
Impedance	50Ω Nominal	
Average Return Loss (VSWR) DTF	> -40dB (1.02) 0–1 GHz, > -36dB (1.03) 1–2 GHz, > -32dB (1.05) 2–4 GHz, -28dB (1.08) 4–6 GHz	As per Anatel 75
Insertion Loss	< .1√F(GHz)	
3rd Order IMD	-153 dBc minimum, -160 dBc typical	As per IEC 62037-2, -3
Voltage Withstand	> 2.5 kV	
Shielding Effectiveness	< -120dB	0–1 GHz
Insulation Resistance	5GΩ initial, 200MΩ after conditioning	
Environmental	Specification	Comment
Operating Temperature/Storage Temperature	-55°C to +85°C / -55°C to +85°C	
Interface Moisture	No leakage, mated or unmated > 1.0 Bar	
Moisture Ingress	No leakage	ANSI/SCTE60 2004, IP-67, IP-68, IEC 60529
Corrosion Resistance	1000 Hours	
H.A.L.T.	40 Hours	
General	Specification	Comment
Cable Supported	Andrew FSJ1-50A, FSJ1RK-50B, RFS SCF14-50J, SCF14-50JF, Hansen RF014S, RFS014SZ	
Weight	0.302 lbs. 137 g	
WPS Weather Protection	WPS-N-1S	
Length	2.743 in 69.6 mm	
Outer Diameter	0.80 in 20.3 mm	
Hex Width	0.750 in 19 mm	
Tools	Specification	Comment
Cable Preparation	SP-14S	No coring required
Connector Compression	HCG-FRAMESET-1/4, HCG-CC	
Torque Wrench	Adjustable Wrench	