

UXP-MRA-12S

UXP-MRA-12S DATA SHEET

4.1–9.5 Mini DIN Right Angle Connector for 1/2" Superflexible Cables

Mechanical	Specification	Comment
Pull Force Combined	> 175 lbs .78 kN	Cable limited
Cable/Connector Torque	5 ft-lbs 6.7 N-m	Cable limited
Interface Durability	500 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	> 3.0 kV	
Shielding Effectiveness	< -120dB	0–1 GHz
Insulation Resistance	10GΩ initial, 100MΩ 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 FSJ4-50B, RFS SCF12-50, Draka RFF12-50, Leoni 1/2"S, Eupen EC4HF-50, LS HFSC 12D, Hansen RF5012S, RF5012SZ	
Weight	0.470 lbs. 213.2g	
WPS Weather Protection		
Length	1.890" 48.0mm, 1.810" 45.9mm	
Outer Diameter	1.085" 27.5mm	
Hex Width	0.88" 22mm	
Tools	Specification	Comment
Cable Preparation	SP-12S	N/A
Connector Compression	HCG-FRAMESET-1/2, HCG-CC	Insert A
Torque Wrench	TQ-78-F8	8 ft-lbs 10.8 N-m