

# UPL-NRA-12S



## UPL-NRA-12S DATA SHEET

N Male Right Angle Connector for 1/2" Superflexible Plenum 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 5 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) 4-5 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 HS4RP	
Weight	0.368 lbs.   166.9g	
WPS Weather Protection		
Length	1.895"   48.1mm, 1.835"   46.6mm	
Outer Diameter	1.085"   27.5mm	
Hex Width	0.75"   19mm	
Tools	Specification	Comment
Cable Preparation	SP-12SPL	No coring required
Connector Compression	HCG-FRAMESET-1/2, HCG-CC	Insert A
Torque Wrench	TW1412	14 in-lbs   2.3 N-m