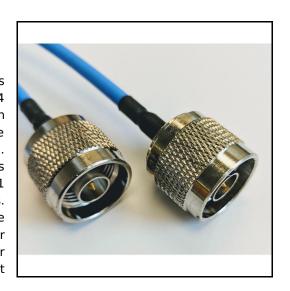




N Male to N Male test cable using SS141 High Performance Coax, 24 inches long, Operating to 18 GHz.

Product Features

P1CA-NMNM-SS141-24 is an test Cable that is part of P1dB's SS141 series, high performance cable assemblies. It is a 24 inch N Male to N Male cable assembly that utilizes SS141 High Performance coax, which is 0.163 inches in diameter. The SS141 test cable operates to 18 GHz with a max VSWR of 1.3:1. P1dB's SS141 cable assemblies are general purpose test cables that are dimensionally equivalent to RG402 semi-rigid and 141 conformable coax cables and RG402 electrical specifications. SS141 test cables can operate up to 40 GHz, depending on the installed connectors. The advantage of SS141 test cables over other test cables are their cost-effective design that still offer good phase and amplitude stability for general purpose test systems.



Electrical Specification: T_{Ambient} = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		18.0	
VSWR	DC to 1.0	1:			1.1	
	1.0 to 5.0				1.2	
	5.0 to 10.0				1.25	
	10.0 to 18.0				1.3	
Insertion Loss	DC to 1.0	dB/ft.			0.13	
	1.0 to 5.0				0.3	
	5.0 to 10.0				0.45	
	10.0 to 18.0				0.64	
Velocity Of Propagation		%		70.0		

Mechanical And Environmental Specifications:

Parameter	Description	Notes	
Connector 1	N Male		
Connector 1 Coupling Nut	Passivated Stainless Steel		
Connector 1 Body	Passivated Stainless Steel		
Connector 1 Contact	Gold Plated Brass		
Connector 2	N Male		
Connector 2 Coupling Nut	Passivated Stainless Steel		
Connector 2 Body	Passivated Stainless Steel		
Connector 2 Contact	Gold Plated Brass		
Coax Cable	High Performance		
Cable Type	SS141		
Cable Inner Conductor	SPC		
Dielectric	PTFE		
Shield	1. SPC Braid, SPC Ribbon		
Jacket	FEP		
Coax Diameter	0.163		

P1dB, Inc.

188 Martinvale Lane, San Jose, CA 95119

+1(408)613-4857

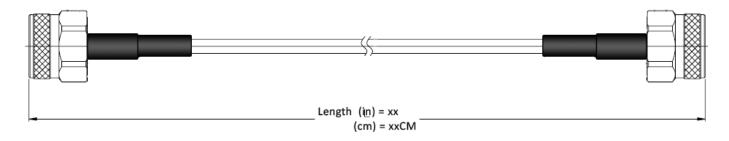


P1CA-NMNM-SS141-24

N Male to N Male test cable using SS141 High Performance Coax, 24 inches long, Operating to 18 GHz.

Parameter	Description	Notes
Minimum Bend Radius	0.08	
Length	24.0	
Operating Temprature	-55.0 to 200.0 °C	
RoHS Compliance	No	

Drawing



Product Notes