## P1CA-NMNM-SS141-2M

N Male to N Male test cable using SS141 high performance coax, 2 meters, frequency to 18 GHz.

#### **Product Features**

P1CA-NMNM-SS141-2M is a 50 Ohm RF flexible test cable, N male to N male. The cable is SS141 which has an outer diameter of 4.14 mm (0.163 inch). Length is 2 meter. Frequency DC to 18 GHz. VSWR 1.3 max. Insertion Loss 3.7 dB max.



### Electrical Specification: T Ambient = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		18.0	

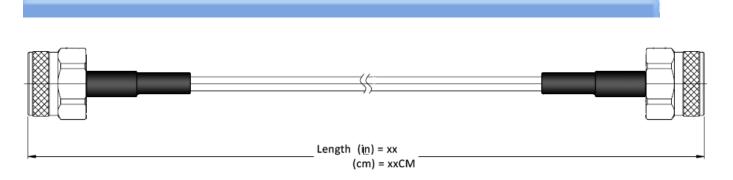
#### **Mechanical And Environmental Specifications:**

Parameter	Description	Notes
Connector 1	N Male	
Connector 2	N Male	
Coax Cable	High Performance	
Cable Type	SS141	
Coax Diameter	0.163	
RoHS Compliance	Yes	

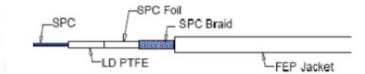
#### **Drawing**

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### Graph



ELECTRICAL CHARACTERISTICS						
Impedance	50±2					
Capacitance (Nominal)						
(pF/ft)	29.4					
(pF/m)	96.4					
Velocity of Propagation (%)	78					
Cutt Off Frequency (GHz)	40					
Shielding Effectiveness	>-110dB					
Max. Attenuation (dB/100Ft)	Attenuation		Power			
Max Power (Watts)	dB/100Ft	dB/100M				
400MHz	7	23	1100			
1GHz	11	36	550			
3GHz	18.9	62	350			
5GHz	25.3	83	245			
10GHz	37.5	123	140			
18GHz	51.9	170	87			
25GHz	63.5	208	75			
30GHz	71.4	234	68			
35GHz	78.4	257	61			
40GHz	87.8	288	56			
MECHANICAL CHARACTERISTICS						
Max. Operating Temperature (°C)	-55/ +200					
Min. Bend Radius	Sta	atic	Dynamic			
(inch)	0.48		1.57			
(mm)	1:	2	40			
Weight						
(g/Ft)	13.5					
(g/M)	44.3					

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**Product Notes**