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	

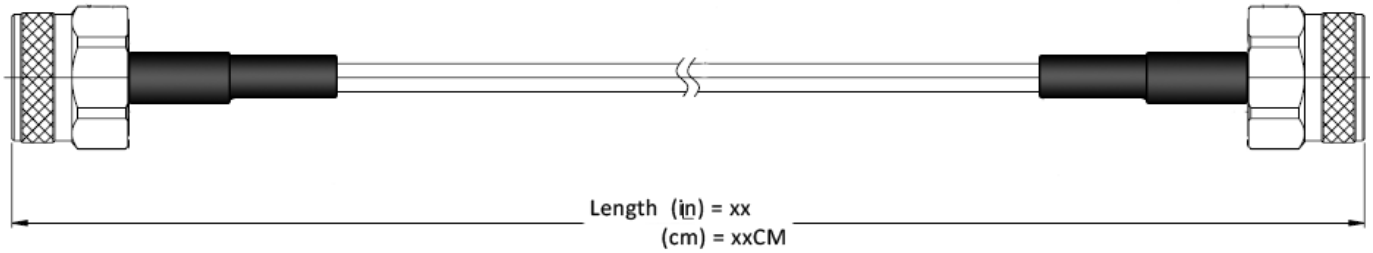
Drawing

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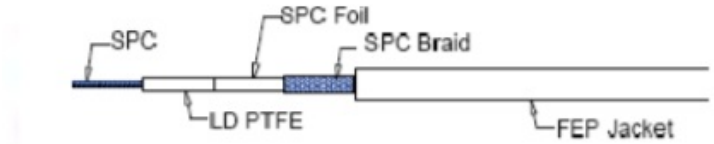
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Graph



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	Static		Dynamic
(inch)	0.48		1.57
(mm)	12		40
Weight			
(g/Ft)	13.5		
(g/M)	44.3		

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Product Notes

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