

## P1-SMAP/SMAP-141CC-13

SMA Male to SMA Male cable assembly using 141CC Conformable Coax, 13 inch.

#### **Product Features**

P1-SMAP/SMAP-141CC-13 is an RF Cable that is part of P1dB's YouForm  $^{\text{TM}}$  conformable cable assembly series. It is a 13 inch SMA Male to SMA Male Conformable cable assembly that utilizes 141CC conformable coax with a diameter of 0.141 inches. The RF cable assembly operates to 26.5 GHz with a max VSWR of 1.35:1.



### **Electrical Specification:** T <sub>Ambient</sub> = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		26.5	
VSWR	DC to 1.0	1:			1.1	
	1.0 to 5.0				1.1	
	5.0 to 10.0				1.12	
	10.0 to 26.5				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.12	
	1.0 to 5.0				0.31	
	5.0 to 10.0				0.45	
	10.0 to 26.5				0.65	
Velocity Of Propagation		%		70.0		

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

Parameter	Description	Notes		
Connector 1	SMA Male			
Connector 1 Coupling Nut	Passivated Stainless Steel			
Connector 1 Body	Gold Plated Brass			
Connector 1 Contact	Gold Plated Brass			
Connector 2	SMA Male			
Connector 2 Coupling Nut	Passivated Stainless Steel			
Connector 2 Body	Gold Plated Brass			
Connector 2 Contact	Gold Plated Brass			
Coax Cable	Conformable			
Cable Type	141CC			
Cable Inner Conductor	SPCW			
Dielectric	PTFE			
Shield	1. Tinned Cu/Sn Braid			
Jacket	FEP			
Coax Diameter	0.141			
Minimum Bend Radius	0.38			
Length	13.0			

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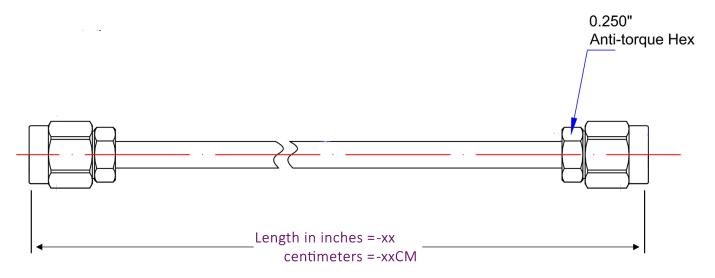


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Parameter	Description	Notes
Operating Temprature	-85.0 to 200.0 °C	
RoHS Compliance	Yes	

#### **Drawing**



#### **Product Notes**