

## P1CA-SAMSAM-085CC-3

SMA Male to SMA Male cable assembly using 085CC Conformable Coax, 3 inch, frequency to 26.5 GHz.

#### **Product Features**

P1CA-SAMSAM-085CC-3 is a 3 inch SMA Male to SMA Male conformable cable assembly, 085CC hand formable coax (no jacket) with a diameter of 0.085 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:			1.25	
	1.0 to 5.0				1.3	
	5.0 to 10.0				1.32	
	10.0 to 26.0				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.22	
	1.0 to 5.0				0.49	
	5.0 to 10.0				0.83	
	10.0 to 26.0				1.18	
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	085CC				
Cable Inner Conductor	SPCW				
Dielectric	PTFE				
Shield	1. Tinned Cu/Sn Braid				
Jacket	FEP				
Coax Diameter	0.085				
Minimum Bend Radius	0.38				
Length	3.0				

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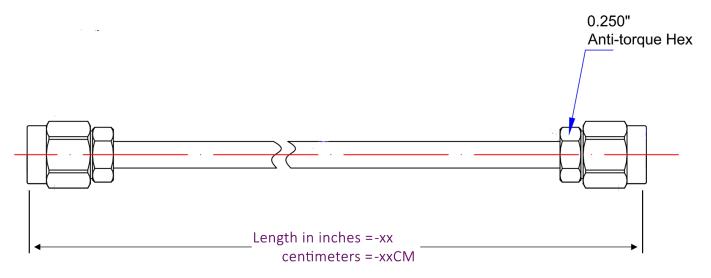


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Parameter	Description	Notes
Operating Temprature	-85.0 to 165 °C	
RoHS Compliance	Yes	

### **Drawing**



#### **Product Notes**