# P1CA-SAMSAM-085CJ-6

SMA Male to SMA Male cable assembly using 085CJ Jacketed Conformable Coax, 6 inches long, Operating to 26.5 GHz.

#### **Product Features**



## 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 26.5				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 26.5				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	

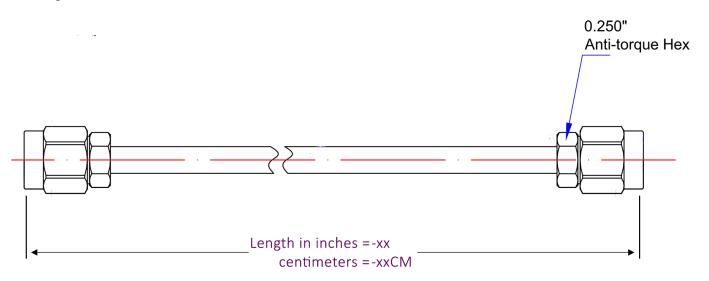
P1dB, Inc.

# P1CA-SAMSAM-085CJ-6

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Parameter	Description	Notes	
Connector 2 Coupling Nut	Passivated Stainless Steel		
Connector 2 Body	Gold Plated Brass		
Connector 2 Contact	Gold Plated Brass		
Coax Cable	Jacketed Conformable		
Cable Type	085CJ		
Cable Inner Conductor	SPCW		
Dielectric	PTFE		
Shield	1. Tinned Cu/Sn Braid		
Jacket	FEP		
Coax Diameter	0.102		
Minimum Bend Radius	0.38		
Length	6.0		
RoHS Compliance	Yes		

### **Drawing**



#### **Product Notes**