

# P1-SMAPRA/SMAPRA-085CJ-4

SMA Male Right Angle to SMA Male Right Angle cable assembly using 085CJ Jacketed Conformable Coax, 4 inch, DC to 18 GHz.

#### **Product Features**

P1-SMAPRA/SMAPRA-085CJ-4 is a 50 Ohm RF cable assembly, 4 inch, SMA male right angle to SMA male right angle. The cable is jacketed conformabe 085CJ with a diameter of 0.102 inches. This cable assembly operates to 18 GHz with a max VSWR of 1.35.



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

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		18.0	
VSWR	DC to 1.0	1:			1.2	
	1.0 to 5.0				1.25	
	5.0 to 10.0				1.26	
	10.0 to 18.0				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 18.0				1.18	
Velocity Of Propagation		%		70.0		

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

Parameter	Description	Notes			
Connector 1	SMA Male Right Angle				
Connector 1 Coupling Nut	Passivated Stainless Steel				
Connector 1 Body	Gold Plated Brass				
Connector 1 Contact	Gold Plated Brass				
Connector 2	SMA Male Right Angle				
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	4.0				

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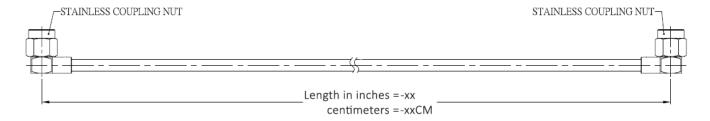


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Parameter	Description	Notes
Operating Temprature	-85.0 to 125.0 °C	
RoHS Compliance	Yes	

### **Drawing**



#### **Product Notes**