

# P1CA-SAMSAM-RD316-9

SMA Male to SMA Male cable using RD316 Double-Shielded RG Type Flex Coax, 9 inches long, and Operating to 6 GHz.

#### **Product Features**

P1CA-SAMSAM-RD316-9 is a cable that is part of P1dB's RG series flex cable assemblies. It is a 9 inch SMA Male to SMA Male cable assembly that utilizes RD316 Double-Shielded RG Type Flex coax, which is 0.114 inches in diameter. This Double-Shielded RG Type Flex cable operates to 6 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		6.0	
VSWR	DC to 0.4	1:			1.2	
	0.4 to 1.0				1.25	
	1.0 to 2.4				1.3	
	2.4 to 0.5				1.35	
Insertion Loss	DC to 0.4	dB/ft.			0.18	
	0.4 to 1.0				0.31	
	1.0 to 2.4				0.49	
	2.4 to 0.5				0.67	
Velocity Of Propagation		%		69.5		

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

Parameter	Description	Notes	
Connector 1	SMA Male		
Connector 1 Coupling Nut	Gold Plated Brass		
Connector 1 Body	Gold Plated Brass		
Connector 1 Contact	Gold Plated Brass		
Connector 2	SMA Male		
Connector 2 Coupling Nut	Gold Plated Brass		
Connector 2 Body	Gold Plated Brass		
Connector 2 Contact	Gold Plated Brass		
Coax Cable	Double-Shielded RG Type Flex		
Cable Type	RD316		
Cable Inner Conductor	7/.0067 SPCW		
Dielectric	PTFE		
Shield	1. SPC Braid		
	2. SPC Braid		
Jacket	FEP		
Coax Diameter	0.114		
Minimum Bend Radius	0.6		

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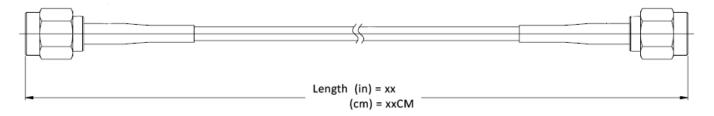


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Parameter	Description	Notes
Length	9.0	
Operating Temprature	-55.0 to 200.0 °C	
RoHS Compliance	Yes	

### **Drawing**



#### **Product Notes**