

# P1CA-SAMSAM-SS141-8

SMA Male to SMA Male test cable using SS141 High Performance Coax, 8 inches long, Operating to 27 GHz.

#### **Product Features**



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

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		27.0	
VSWR	DC to 1.0	1:			1.1	
	1.0 to 10.0				1.2	
	10.0 to 18.0				1.25	
	18.0 to 27.0				1.3	
Insertion Loss	DC to 1.0	dB/ft.			0.13	
	1.0 to 10.0				0.45	
	10.0 to 18.0				0.64	
	18.0 to 27.0				0.88	
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	Passivated Stainless Steel				
Connector 1 Contact	Gold Plated Brass				
Connector 2	SMA Male				
Connector 2 Coupling Nut	Passivated Stainless Steel				
Connector 2 Body	Passivated Stainless Steel				
Connector 2 Contact	Gold Plated Brass				
Coax Cable	High Performance				
Cable Type	SS141				
Cable Inner Conductor	SPC				
Dielectric	PTFE				
Shield	1. SPC Braid, SPC Ribbon				
Jacket	FEP				
Coax Diameter	0.163				
Minimum Bend Radius	0.08				
Length	8.0				

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

#### **Product Notes**