

P1CA-SAMSMFRA-SS085-9

SMA Male to SMPM Female Right Angle RF flex cable using SS085 High Performance Coax, 9 inches long, Operating to 18 GHz.

Product Features

P1CA-SAMSMFRA-SS085-9 is an RF Flex Cable that is part of P1dB's SS085 series, high performance cable assemblies. It is a 9 inch SMA Male to SMPM Female Right Angle cable assembly that utilizes SS085 High Performance coax, which is 0.104 inches in diameter. The SS085 high performance flex cable operates to 18 GHz with a max VSWR of 1.35:1.

P1dB's SS085 cable assemblies are high performance RF cables that are dimensionally equivalent to RG405 semi-rigid and 085 conformable coax cables, and have similar electrical specifications to RG405 coax. SS085 RF flex cables can operate up to 50 GHz, depending on the installed connectors. The advantage of SS085 test cables over other test cables are their cost-effective design that still offer good phase and amplitude stability for general purpose test systems.



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 6.0				1.25	
	6.0 to 10.0				1.3	
	10.0 to 18.0				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.23	
	1.0 to 6.0				0.52	
	6.0 to 10.0				0.8	
	10.0 to 18.0				1.1	
Velocity Of Propagation		%		70.0		

Electrical Specification: T Ambient = 25° C

Mechanical And Environmental Specifications:

Description	Notes
SMA Male	
Passivated Stainless Steel	
Passivated Stainless Steel	
Gold Plated Brass	
SMPM Female Right Angle	
None	
Gold Plated Beryllium Copper	
Gold Plated Beryllium Copper	
High Performance	
SS085	
SPC	
PTFE	
1. SPC Ribbon	
	Passivated Stainless Steel Passivated Stainless Steel Gold Plated Brass SMPM Female Right Angle None Gold Plated Beryllium Copper Gold Plated Beryllium Copper High Performance SS085 SPC PTFE

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Parameter	Description	Notes	
	2. SPC Braid		
Jacket	FEP		
Coax Diameter	0.104		
Minimum Bend Radius	0.25		
Length	9.0		
Operating Temprature	-55.0 to 200.0 °C		
RoHS Compliance	Yes		

Product Notes