

# P1CA-SAFSMF-SS085-12

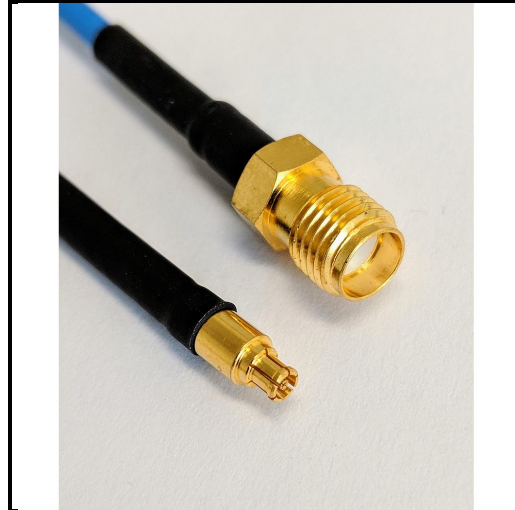
SMA Female to SMPM Female RF flex cable using SS085 High Performance Coax, 12 inch, frequency DC to 18 GHz.

## Product Features

Flexible 50 Ohm RF cable assembly, SMA female to SMPM female, SS085 flex cable, 12 inch.

Cable is 0.104 inch diameter.

Frequency os DC to 18 GHz.



Electrical Specification:  $T_{\text{Ambient}} = 25^{\circ}\text{C}$

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				1.3	
	10.0 to 18.0				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.23	
	1.0 to 5.0				0.52	
	5.0 to 10.0				0.8	
	10.0 to 18.0				1.1	
Velocity Of Propagation		%		70.0		

## Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	SMA Female	
Connector 1 Coupling Nut	Gold Plated Brass	
Connector 1 Body	Gold Plated Brass	
Connector 1 Contact	Gold Plated Beryllium Copper	
Connector 2	SMPM Female	

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Parameter	Description	Notes
Connector 2 Coupling Nut	None	
Connector 2 Body	Gold Plated Beryllium Copper	
Connector 2 Contact	Gold Plated Beryllium Copper	
Coax Cable	High Performance	
Cable Type	SS085	
Cable Inner Conductor	SPC	
Dielectric	PTFE	
Shield	1. SPC Ribbon	
	2. SPC Braid	
Jacket	FEP	
Coax Diameter	0.104	
Minimum Bend Radius	0.25	
Length	12.0	
Operating Temperature	-55.0 to 200.0 °C	
RoHS Compliance	Yes	

## Product Notes