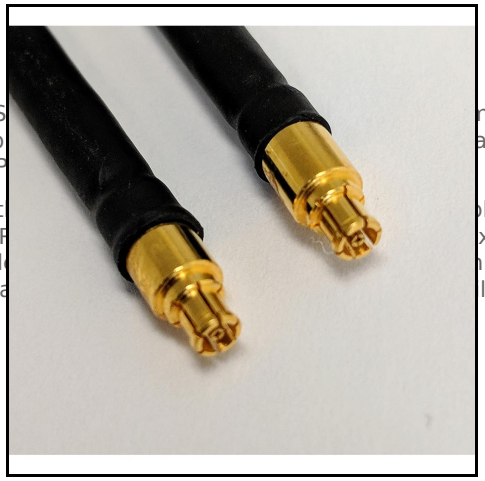
P1CA-SMFSMF-SS085-6

SMPM female straight to SMPM female straight RF flex cable using SS085 High Performance Coax, 6 inch.



Product Features

P1CA-SMFSMF-SS085-6 is an RF Flex Cable that is part of P1dB's S nblies. It is a 6 inch SMPM straight female to SMPM straight female cable assemb ax, which is 0.104 inches in diameter. SMPM connectors are also referred to as SSMP

P1dB's SS085 high performance flex cable operates to 18 GHz wit le assemblies are high performance RF cables that are dimensionally equivalent to F x cables, and have similar electrical specifications to RG405 coax. SS085 RF flex cabl the installed connectors. The advantage of SS085 test cables over other test ca ll offer good phase and amplitude stability for general purpose test systems.

Electrical Specification: $T_{Ambient}$ = 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				1.3	
	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	Connector 1: SMPM Female straight	
Connector 1 Coupling Nut	None	
Connector 1 Body	Gold Plated Beryllium Copper	
Connector 1 Contact	Gold Plated Beryllium Copper	
Connector 2	SMPM Female straight	
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	6.0	
Operating Temprature	-55.0 to 165 °C	
RoHS Compliance	Yes	

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