P1CA-SAMSAM-RG316-12

SMA Male to SMA Male cable assembly, RG316 flex coax, 12 inch, frequency DC to 6 GHz.

Product Features

P1CA-SAMSAM-RG316-12 is a cable that is part of P1dB's RG series flex cable assemblies. It is a 12 inch SMA Male to SMA Male cable assembly, RG-316 flex coax, which is 0.098 inches in diameter. The cable operates DC to 6 GHz with a max VSWR of 1.35:1.



Electrical Specification: $T_{Ambient}$ = 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	RG Type Flex	
Cable Type	RG-316	
Cable Inner Conductor	7/.0067 SPCW	
Dielectric	PTFE	
Shield	1. SPC Braid	
Jacket	FEP	
Coax Diameter	0.098	
Minimum Bend Radius	0.5	
Length	12.0	

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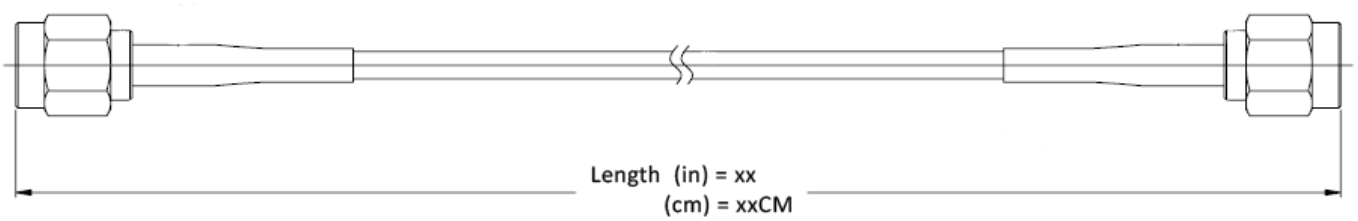
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Parameter	Description	Notes
Operating Temprature	-55.0 to 200.0 °C	
RoHS Compliance	Yes	

Drawing



Product Notes

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