

Product Features

P1CA-SAMSAMRA-RD316-12 is a cable that is part of P1dB's RG series flex cable assemblies. It is a 12 inch SMA Male to SMA Male Right Angle cable assembly that utilizes RD316 Double-Shielded RG Type Flex coax, which is 0.114 inches in diameter. The cable operates DC to 6 GHz with a max VSWR of 1.4:1.



Electrical Specification: T_{Ambient} = 25° C

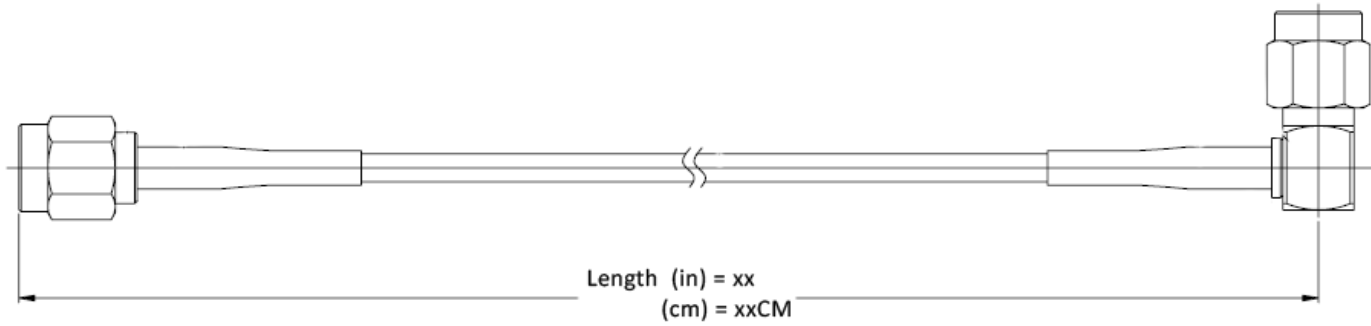
Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		6.0	
VSWR	DC to 0.4	1:			1.2	
	0.4 to 1.0				1.25	
	1.0 to 2.4				1.3	
	2.4 to 0.5				1.35	
Insertion Loss	DC to 0.4	dB/ft.			0.18	
	0.4 to 1.0				0.31	
	1.0 to 2.4				0.49	
	2.4 to 0.5				0.67	
Velocity Of Propagation		%		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 Right Angle	
Connector 2 Coupling Nut	Gold Plated Brass	
Connector 2 Body	Gold Plated Brass	
Connector 2 Contact	Gold Plated Brass	
Coax Cable	Double-Shielded RG Type Flex	
Cable Type	RD316	
Cable Inner Conductor	7/.0067 SPCW	
Dielectric	PTFE	
Shield	1. SPC Braid	
	2. SPC Braid	
Jacket	FEP	
Coax Diameter	0.114	
Minimum Bend Radius	0.6	

Parameter	Description	Notes
Length	12.0	
RoHS Compliance	Yes	

Drawing



Product Notes