

P1CA-29M29M-085CJ-3

2.92mm Male to 2.92mm Male RF flex cable using Flexiform 085 hand formable cable, 3 inches long, DC to 40 GHz.

Product Features

P1dB's RF cable assembly P1CA-29M29m-085CJ-3 is a 50 Ohm hand formable cable 3 inches long with an outer diameter of 0.104 inch. It has 2.9mm male connectors and operates to 40 GHz with a typcial VSWR of 1.40 (1.45 maximum). The cable has a bend radius of 0.25 inch and a Velocity of Propagation of 70%. Typical Insertion Loss measures 0.12 dB/ft at 18 GHz and 0.18dB/ft at 40 GHz.



Electrical Specification: T_{Ambient} = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		40.0	
VSWR	DC to 1.0	1:			1.2	
	1.0 to 18.0				1.25	
	18.0 to 30.0				1.3	
	30.0 to 40.0				1.45	
Insertion Loss	DC to 1.0	dB/ft.			0.23	
	1.0 to 18.0				1.1	
	18.0 to 30.0				1.46	
	30.0 to 40.0				1.73	
Velocity Of Propagation		%		70.0		

Mechanical And Environmental Specifications:

Parameter	Description	Notes		
Connector 1	2.92mm Male			
Connector 1 Coupling Nut	Passivated Stainless Steel			
Connector 1 Body	Passivated Stainless Steel			
Connector 1 Contact	Gold Plated Brass			
Connector 2	2.92mm Male			
Connector 2 Coupling Nut	Passivated Stainless Steel			
Connector 2 Body	Passivated Stainless Steel			
Connector 2 Contact	Gold Plated Beryllium Copper			
Coax Cable	High Performance			
Cable Type	Flexiform 085			
Cable Inner Conductor	SPC			
Dielectric	PTFE			
Shield	2. SPC Braid			
Jacket	FEP			
Coax Diameter	0.104			
Minimum Bend Radius	0.25			
Length	3.0			

P1dB, Inc.

188 Martinvale Lane, San Jose, CA 95119

+1(408)613-4857

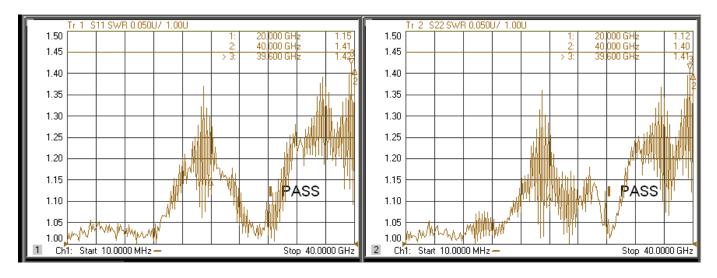


P1CA-29M29M-085CJ-3

2.92mm Male to 2.92mm Male RF flex cable using Flexiform 085 hand formable cable, 3 inches long, DC to 40 GHz.

Parameter	Description	Notes
Operating Temprature	-55.0 to 165 °C	
RoHS Compliance	Yes	

Drawing



Product Notes