P1CA-SAMSAM-085CC-3

SMA Male to SMA Male cable assembly using 085CC Conformable Coax, 3 inch, frequency to 26.5 GHz.

Product Features

P1CA-SAMSAM-085CC-3 is a 3 inch SMA Male to SMA Male conformable cable assembly, 085CC hand formable coax (no jacket) with a diameter of 0.085 inches. The RF cable assembly operates to 26.5 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		26.5	
VSWR	DC to 1.0	1:			1.25	
	1.0 to 5.0				1.3	
	5.0 to 10.0				1.32	
	10.0 to 26.0				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.22	
	1.0 to 5.0				0.49	
	5.0 to 10.0				0.83	
	10.0 to 26.0				1.18	
Velocity Of Propagation		%		70.0		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	SMA Male	
Connector 1 Coupling Nut	Passivated Stainless Steel	
Connector 1 Body	Gold Plated Brass	
Connector 1 Contact	Gold Plated Brass	
Connector 2	SMA Male	
Connector 2 Coupling Nut	Passivated Stainless Steel	
Connector 2 Body	Gold Plated Brass	
Connector 2 Contact	Gold Plated Brass	
Coax Cable	Conformable	
Cable Type	085CC	
Cable Inner Conductor	SPCW	
Dielectric	PTFE	
Shield	1. Tinned Cu/Sn Braid	
Jacket	FEP	
Coax Diameter	0.085	
Minimum Bend Radius	0.38	
Length	3.0	

P1dB, Inc. 188 Martinvale Lane, San Jose, CA 95119 +1(408)613-4857

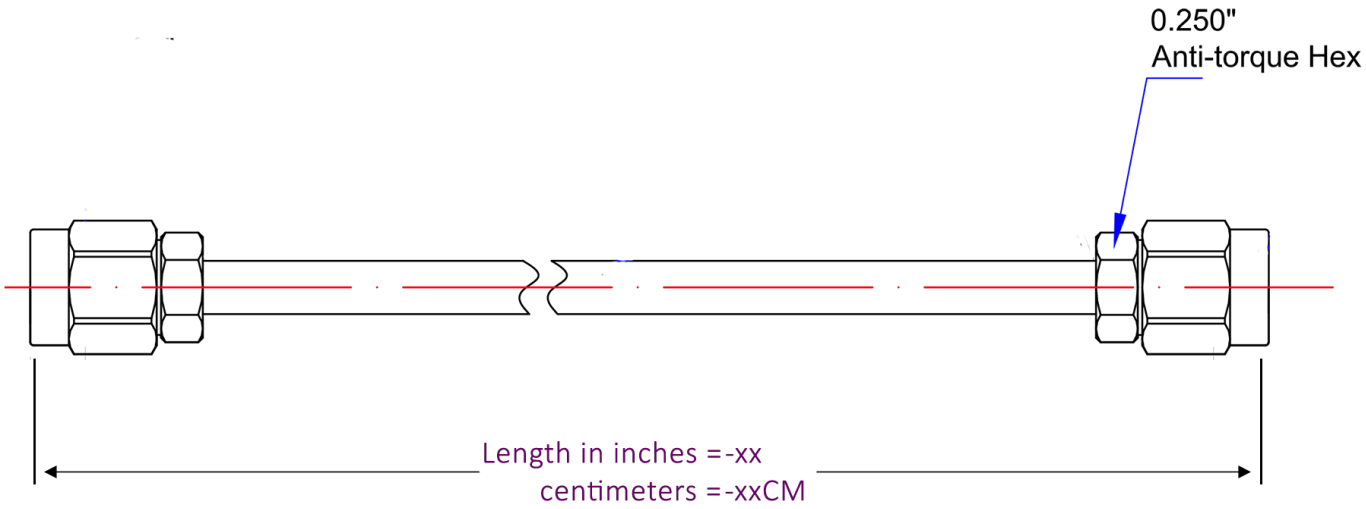
sales@p1dB.com

P1CA-SAMSAM-085CC-3

SMA Male to SMA Male cable assembly using 085CC Conformable Coax, 3 inch, frequency to 26.5 GHz.

Parameter	Description	Notes
Operating Temprature	-85.0 to 165 °C	
RoHS Compliance	Yes	

Drawing



Product Notes

P1dB, Inc. 188 Martinvale Lane, San Jose, CA 95119 +1(408)613-4857

sales@p1dB.com