

Product Features

P1-SMAP/SMAPRA-141CJ-2 is an RF Cable that is part of P1dB's YouForm™ conformable cable assembly series. It is a 2 inch SMA Male to SMA Male Right Angle jacketed hand formable cable assembly using 141CJ conformable coax with a diameter of 0.168 inches. The RF cable assembly operates to 18 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		18.0	
VSWR	DC to 1.0	1:			1.2	
	1.0 to 5.0				1.25	
	5.0 to 10.0				1.26	
	10.0 to 18.0				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.12	
	1.0 to 5.0				0.3	
	5.0 to 10.0				0.45	
	10.0 to 18.0				0.65	
Velocity Of Propagation		%		70.0		

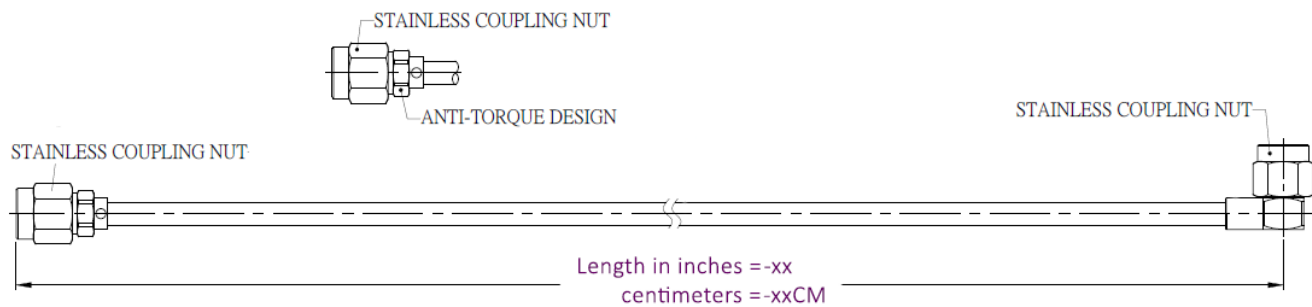
Mechanical And Environmental Specifications:

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 Right Angle	
Connector 2 Coupling Nut	Passivated Stainless Steel	
Connector 2 Body	Gold Plated Brass	
Connector 2 Contact	Gold Plated Brass	
Coax Cable	Jacketed Conformable	
Cable Type	141CJ	
Cable Inner Conductor	SPCW	
Dielectric	PTFE	
Shield	1. Tinned Cu/Sn Braid	
Jacket	FEP	
Coax Diameter	0.168	
Minimum Bend Radius	0.38	
Length	2.0	

SMA Male to SMA Male Right Angle cable assembly using 141CJ Jacketed Conformable
Coax, 2 inches long, Operating to 18 GHz.

Parameter	Description	Notes
Operating Temperature	-85.0 to 200.0 °C	
RoHS Compliance	Yes	

Drawing



Product Notes