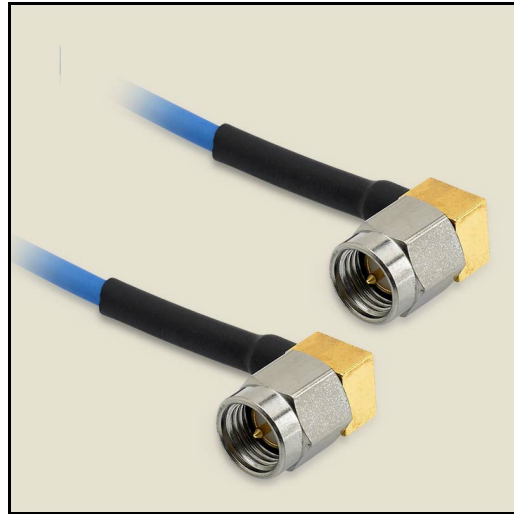


## Product Features

P1-SMAPRA/SMAPRA-085CJ-6 is a 50 Ohm RF cable assembly, 6 inch, SMA male right angle to SMA male right angle. The cable is jacketed conformable 085CJ with a diameter of 0.102 inches. This cable assembly operates to 18 GHz with a max VSWR of 1.35.



## Electrical Specification: T<sub>Ambient</sub> = 25° C

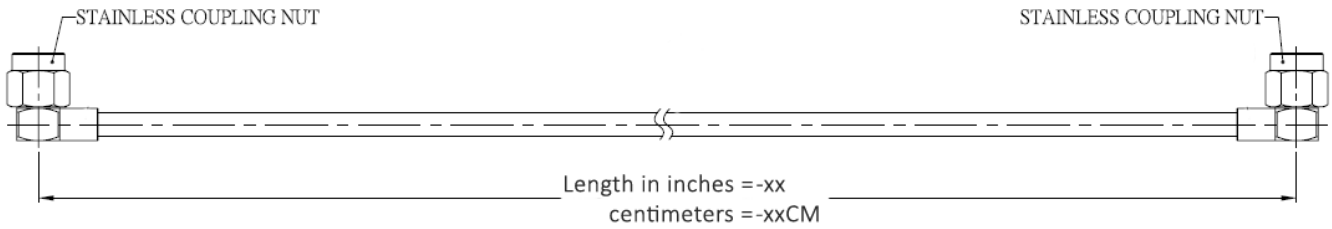
Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		18.0	
VSWR	DC to 1.0	1:			1.2	
	1.0 to 5.0				1.25	
	5.0 to 10.0				1.26	
	10.0 to 18.0				1.35	
Insertion Loss	DC to 1.0	dB/ft.			0.22	
	1.0 to 5.0				0.49	
	5.0 to 10.0				0.83	
	10.0 to 18.0				1.18	
Velocity Of Propagation		%		70.0		

## Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	SMA Male Right Angle	
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	085CJ	
Cable Inner Conductor	SPCW	
Dielectric	PTFE	
Shield	1. Tinned Cu/Sn Braid	
Jacket	FEP	
Coax Diameter	0.102	
Minimum Bend Radius	0.38	
Length	6.0	

Parameter	Description	Notes
Operating Temperature	-85.0 to 125.0 °C	
RoHS Compliance	Yes	

**Drawing**



**Product Notes**