

P1CA-SAMSAM-F140-36-PM-1PS-SET4

RF flexible cable assembly, SMA Male to SMA Male, 0.140 inch flexible coaxial cable, 36 inch. Supplied as a skew matched set of 4 cables. Time delay +/- 1 ps max from DC to 10 GHz. S parameter data included. Price is per set (4 cables).

Product Features

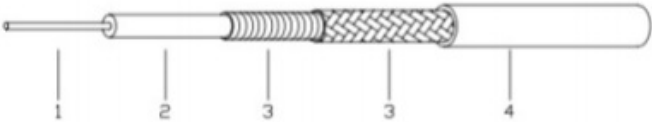
- RF flexible cable assembly, SMA Male to SMA Male, 0.140 inch flexible coaxial cable, 36 inch.
- Supplied as a skew matched set of 4 cables.
- Time delay +/- 1 ps max from DC to 10 GHz.
- Insertion Loss 1.70 dB max, VSWR 1.20 max.
- S parameter data included. Price is per set (4 cables).



Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	SMA Male	
Connector 2	SMA Male	
Length	36.0	
RoHS Compliance	Yes	

Drawing



Graph

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	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.91	0.036
2. Dielectric	LD PTFE	2.50	0.098
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape+Silver Plated Copper Braid	3.06	0.120
4. Jacket	Gray FEP	3.60	0.142

Attenuation & Average Power @ 25°C and Seal Level

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100 m	dB/100 Ft	
0.5	26.4	8.05	726
1.0	37.50	11.43	511
3.0	65.65	20.02	292
5.0	85.37	26.03	225
10.0	122.35	37.30	157

Electrical Characteristics

Impedance	50 Ohms	
Capacitance	80 pF/m	24.5 pF/Ft
Inductance	0.31 uH/m	0.095 uH/Ft
Time Delay	4.02 nS/m	1.22 nS/Ft
Velocity of Propagation	83%	
Shielding Effectiveness	> 90 dB	
Cut-off Frequency	46 GHz	
Dielectric withstanding voltage	1000 VRMS	
Peak Power Rating	2.5 KW	

Product Notes

Bend radius: 0.7 inch (18mm).

Temp range -55 to +125 deg C.