P1CA-24M24M-130F-1M-PM-1PS

Phase matched cable assemblies, 2.4mm male to 2.4mm male, 130F flexible coax, 1 meter. Skew (delay) matched +/- 1 ps. Frequency DC to 50 GHz. Supplied as matched pairs (min buy quantity 2 pcs). Price is per cable. Each pair includes S-Parameter data. If you require a larger quantity matched set of cables (>2) please contact P1dB for a quote.

Product Features

P1dB's matched cable P1CA-24M24M-130F-1M-PM-1PS is a flexible low loss cable assembly with 2.4mm male to 2.4mm male connectors. The assemblies are supplied as skew (delay) matched pairs +/- 1 ps over the frequency range DC to 50 GHz. The assembly length is 1 meter and typical insertion loss at 50 GHz is 3.6 dB. Typical VSWR from DC to 50 GHz is 1.30.The flexible 130F cable has an outer diameter of 0.14 inch (3.6mm) and has a Velocity of Propagation of 74%. The cable features 2 shield layers for >90 dB shielding performance. Made with a Low Density PTFE dielectric, typical attenuation at 50 GHz is 1.0 dB/ft.



Electrical Specification: $T_{Ambient}$ = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		50.0 GHz	

Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	2.4mm Male	
Connector 2	2.4mm Male	
Coax Cable	Flexible, low loss	
Cable Type	130F	
Coax Diameter	0.14	
Minimum Bend Radius	0.7	
Operating Temprature	-55.0 to 125.0 °C	
RoHS Compliance	Yes	

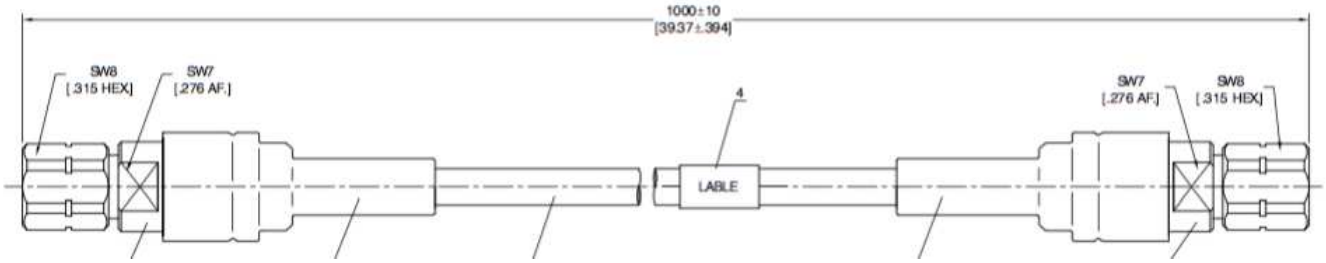
Drawing

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Product Notes

Mating cylecs > 500.

Temp range -55 to +125 deg C.

Bend radius is 0.7 inch (18mm).

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