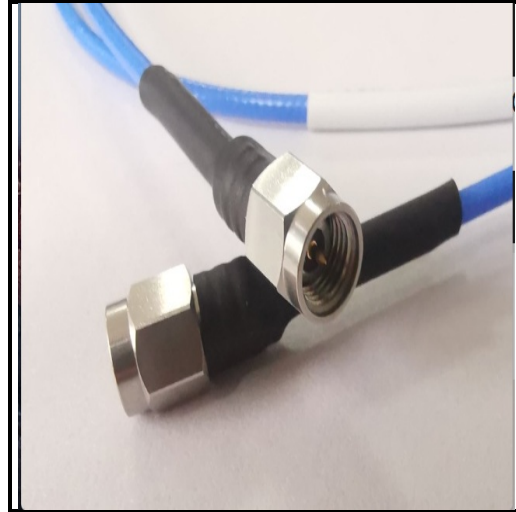


P1CA-29M29M-SS085-24-PM-SET10

Phase matched cable assemblies, 2.92mm male to 2.92mm male connectors operating DC to 40 GHz. Length 24 inch. Phase matched +/- 5 degrees at 18 GHz. Supplied as a phase matched set of 10 cables. Test data included.

Product Features



Electrical Specification: T_{Ambient} = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Frequency Range		GHz	DC		40.0	
VSWR	DC to 1.0	1:			1.2	
	1.0 to 18.0				1.25	
	18.0 to 30.0				1.35	
	30.0 to 40.0				1.45	
Insertion Loss	DC to 1.0	dB/ft.			0.25	
	1.0 to 18.0				1.1	
	18.0 to 30.0				1.5	
	30.0 to 40.0				1.9	
Velocity Of Propagation		%		70.0		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	2.92mm Male	
Connector 1 Coupling Nut	Passivated Stainless Steel	
Connector 1 Body	Passivated Stainless Steel	
Connector 1 Contact	Gold Plated Brass	
Connector 2	2.92mm Male	

P1CA-29M29M-SS085-24-PM-SET10

Phase matched cable assemblies, 2.92mm male to 2.92mm male connectors operating DC to 40 GHz. Length 24 inch. Phase matched +/- 5 degrees at 18 GHz. Supplied as a phase matched set of 10 cables. Test data included.

Parameter	Description	Notes
Connector 2 Coupling Nut	Passivated Stainless Steel	
Connector 2 Body	Passivated Stainless Steel	
Connector 2 Contact	Gold Plated Beryllium Copper	
Coax Cable	Phase Matched	
Cable Type	SS085	
Cable Inner Conductor	SPC	
Dielectric	PTFE	
Shield	1. SPC Ribbon	
	2. SPC Braid	
Jacket	FEP	
Coax Diameter	0.104	
Minimum Bend Radius	0.25	
Length	24.0	
Operating Temperature	-55.0 to 125.0 °C	
RoHS Compliance	Yes	

Product Notes