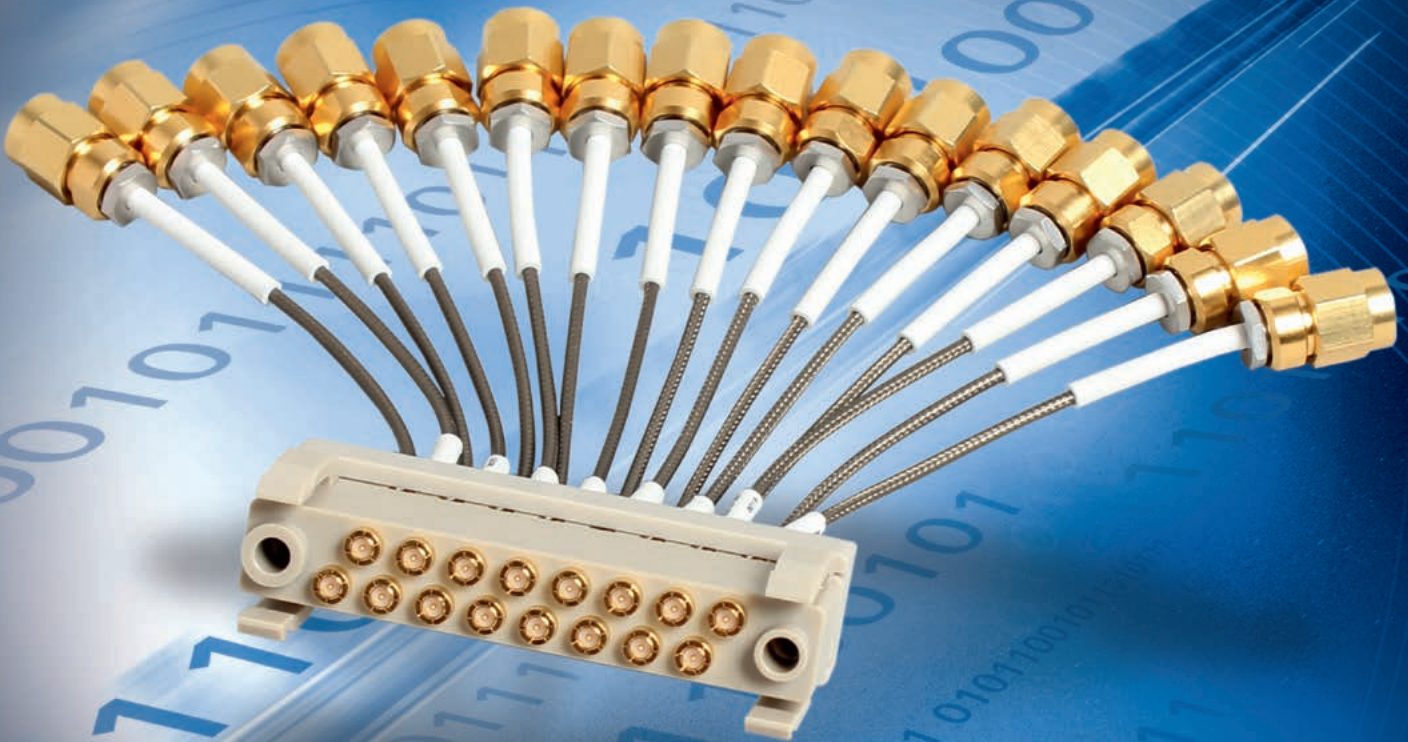
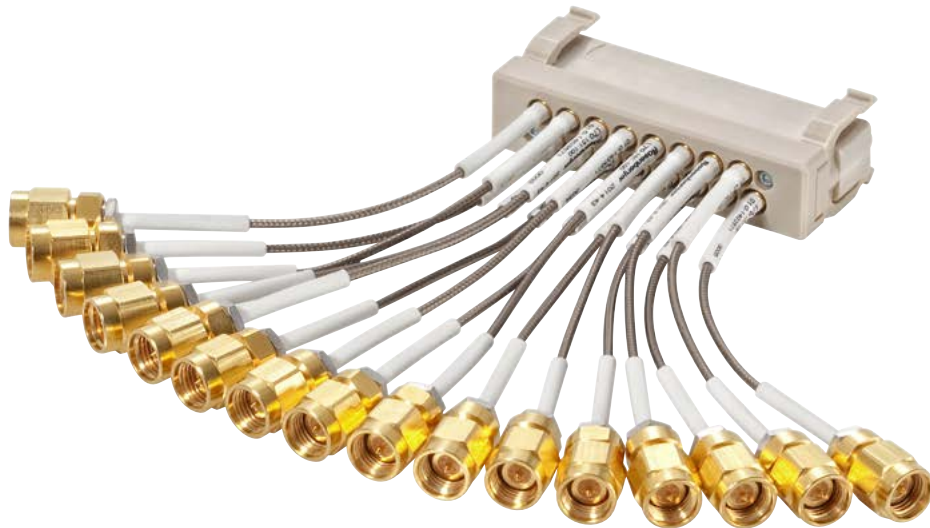


Designed for PCB Connections up to 40 GHz

Spring Loaded Coax System

TEST & MEASUREMENT





Product Portfolio

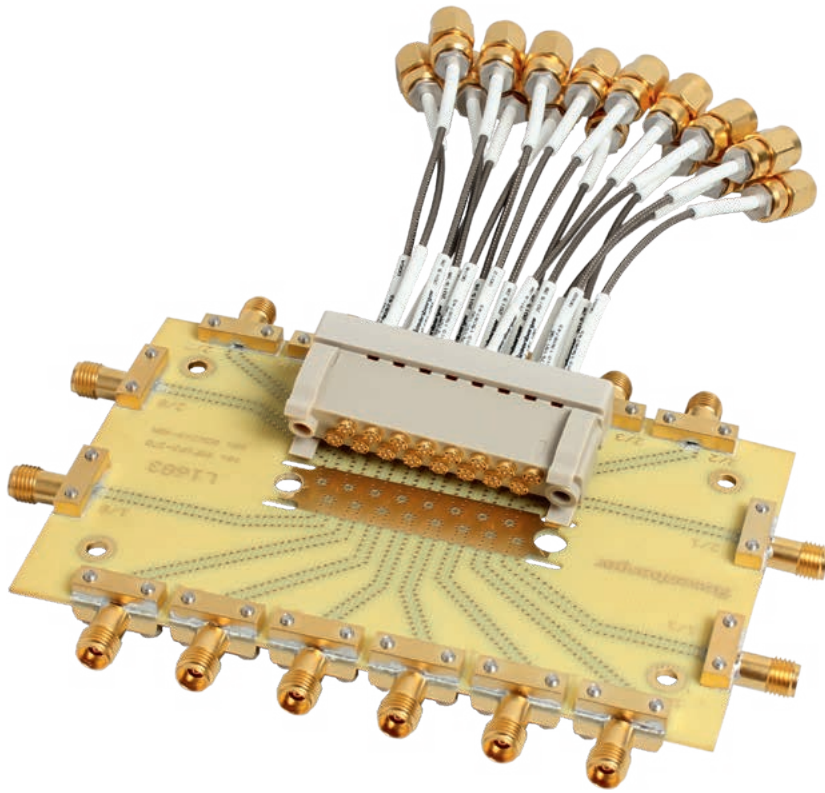
The Rosenberger Spring Loaded Coax system is designed to make quick, reliable and low abrasion PCB connections – up to 18 GHz (SMA interface) or up to 40 GHz (RPC-2.92 interface) – to single-layer or multi-layer printed circuit boards with the microwave layer on top.

Features

- No connector on the board necessary
- Prepositioning and coding enforced by the design
- Screw-on and clamp-on possible
- Easy to handle
- Board thickness negligible
- More than 2500 matings possible
- Pairwise phasematching 10 ps standard
- Closer phasematching possible
- Repairable
- Different cable lengths available

Applications

- Test and measurement applications
- Quick board characterizations
- Applications where the DUT changes frequently



Technical Data

	SMA Cable Assemblies	RPC-2.92 Cable Assemblies
Rosenberger No.	L99-921-xxx*	L99-923-xxx*
Interface	IEC 60169-15	IEC 61169-35
Frequency	DC to 18 GHz	DC to 40 GHz
Cable	047 type flexible	047 type flexible
Return loss	≥ 15 dB @ DC to 18 GHz	≥ 15 dB @ DC to 18 GHz ≥ 12 dB @ 18 GHz to 40 GHz
Insertion loss	4.9 dB/m (1.5 dB/ft)	7.3 dB/m (2.2 dB/ft)
Mating cycles PCB side	≥ 2500	≥ 2500
Mating cycles coaxial interface side	≥ 500	≥ 500
Pairwise phasematching	5 ps and 2 ps possible	5 ps and 2 ps possible

xxx* length in mm



Website

For more information refer to our website:
www.rosenberger.com/t&m/pcb

Rosenberger

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Certified by IATF 16949 · DIN EN 9100 · ISO 9001 · ISO 14001

Order No.

pA 246859 · Info354SpringLoaded
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