

Spring Loaded Coax

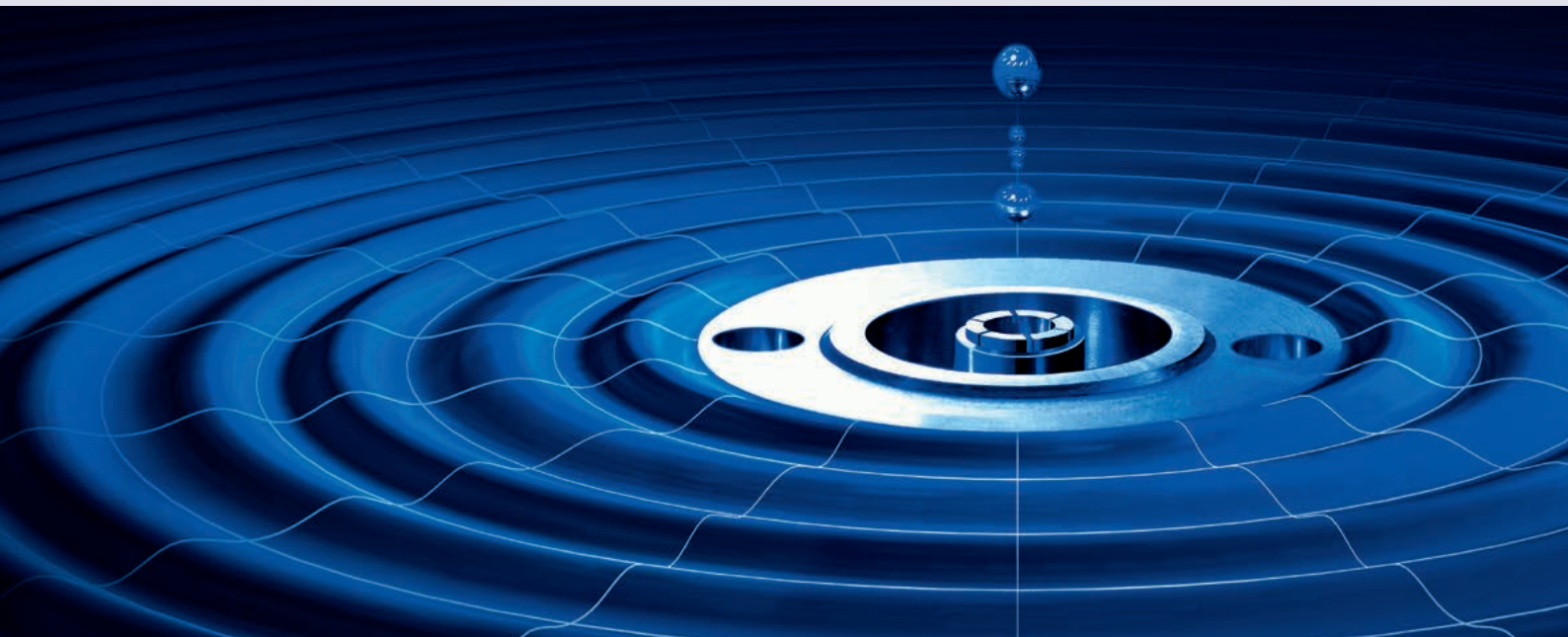
The Rosenberger Spring Loaded Coax is designed to make quick, reliable and low abrasion connections up to 40 GHz to single-layer or multi-layer printed circuit boards with the microwave layer on top.

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 cables lengths available

Applications

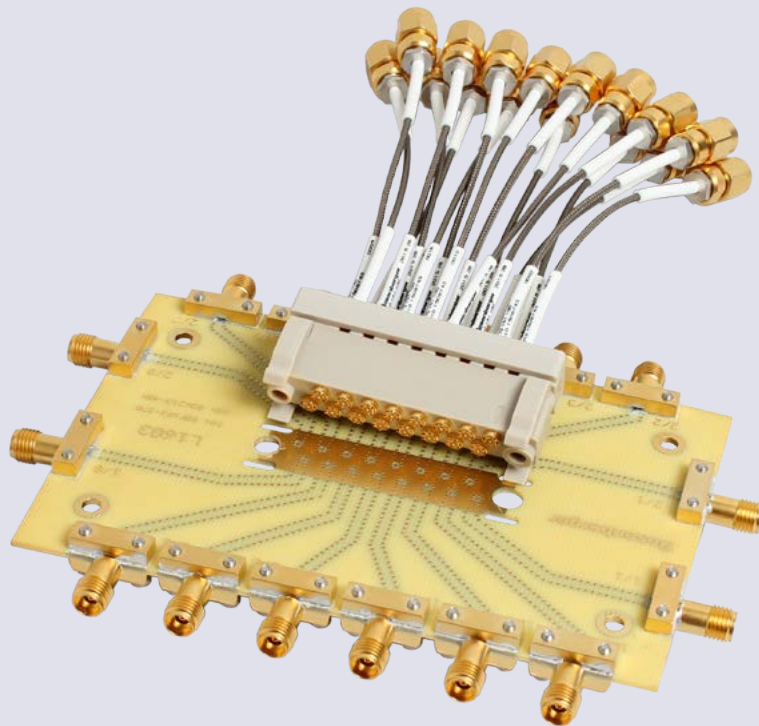
- Test and measurement applications
- Quick board characterizations
- Applications where the DUT changes frequently



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 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



Rosenberger

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Certified by ISO/TS 16949 · DIN EN 9100 · ISO 9001 · ISO 14001

Order No.

pA 246859 · Info354SpringLoaded

1500/2015

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