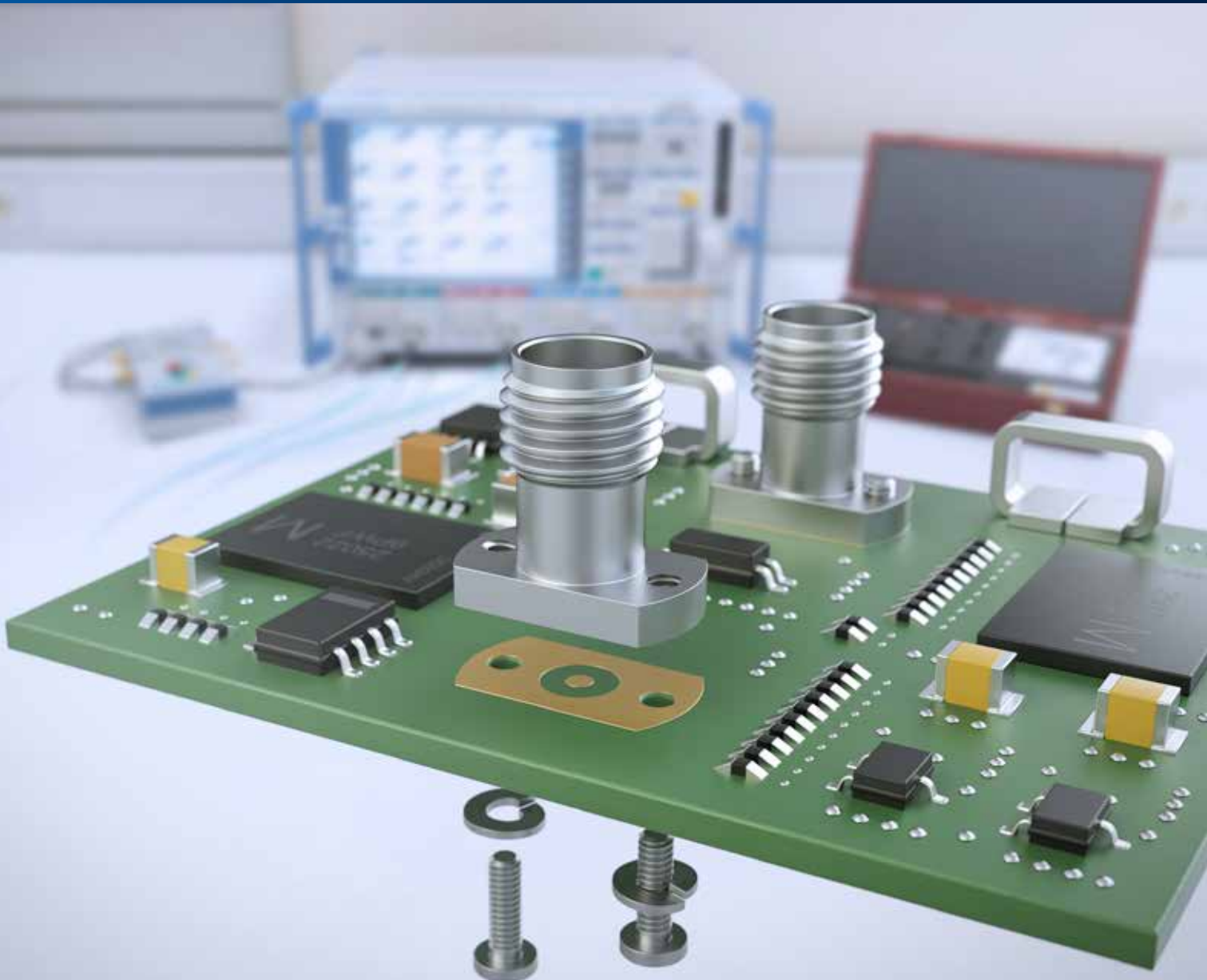


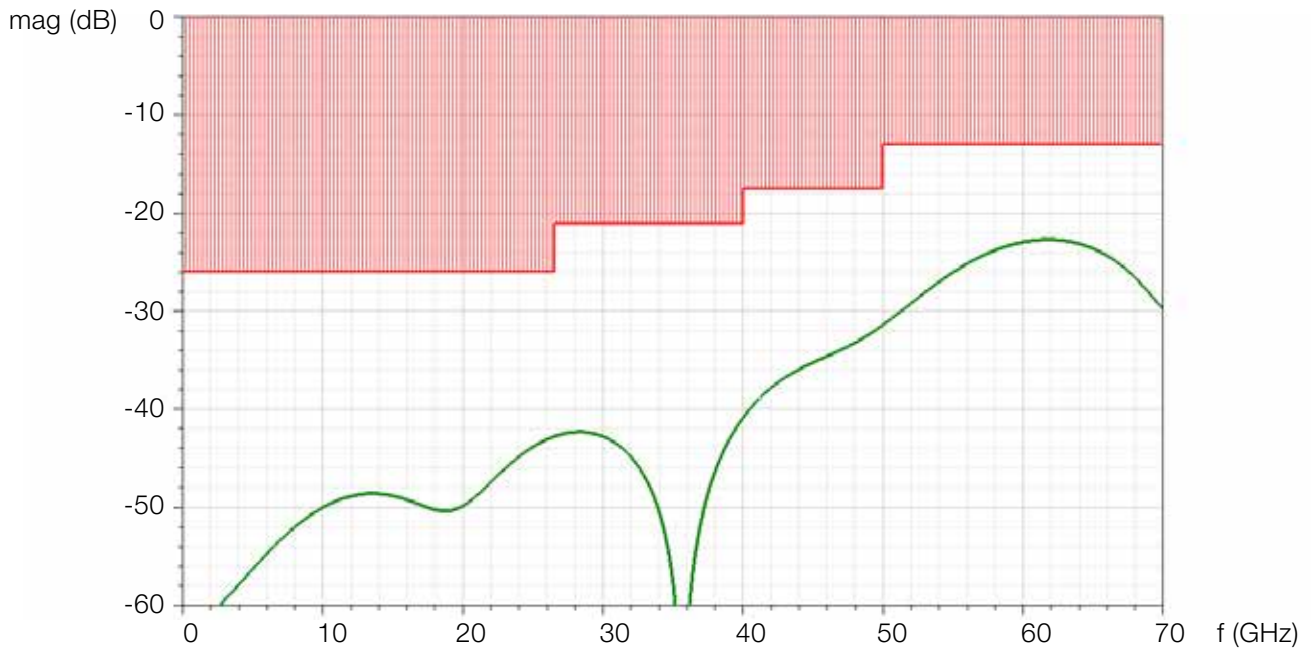
Easy to Assemble

## Economic Solderless PCB Connectors

TEST & MEASUREMENT



Simulated return loss <sup>1)</sup> of solderless PCB connector



## Solderless PCB Connectors

For a variety of standard applications Rosenberger has developed cost-effective, economic solderless PCB connectors. These straight connector types are designed to provide low return loss values for frequencies up to 70 GHz.

Economic solderless PCB connectors from Rosenberger can be easily mounted by using screws. Standard screws are included (other lengths available on request). Their mode-free design allows very good RF performance for standard applications in the fields of test and measurement, chip testing fixtures, board characterization or communication industries.

### Product Features

- PCB connection – no soldering required
- RPC-1.85, RPC-2.40, RPC-2.92 and RPC-3.50 interfaces available
- Cost-effective connectors
- Mating cycles  $\geq 500$
- Reduced installation time
- For frequencies up to 70 GHz

For specific details refer to the technical datasheets in our online catalog



## Products

### Product Portfolio

Rosenberger No.	Connector	Frequency	Mechanically compatible with	Return Loss <sup>1)</sup>
03K721-40MS3	RPC-3.50 female	26.5 GHz	SMA, K and RPC-2.92	≥ 26 dB, DC to 26.5 GHz
02K721-40MS3	RPC-2.92 female	40 GHz	SMA, K and RPC-3.50	≥ 26 dB, DC to 26.5 GHz ≥ 23 dB, 26.5 GHz to 40 GHz
09K721-40MS3	RPC-2.40 female	50 GHz	RPC-1.85 and V	≥ 26 dB, DC to 26.5 GHz ≥ 21 dB, 26.5 GHz to 40 GHz ≥ 17.5 dB, 40 GHz to 50 GHz
08K721-40MS3	RPC-1.85 female	70 GHz	RPC-2.40 and V	≥ 26 dB, DC to 26.5 GHz ≥ 21 dB, 26.5 GHz to 40 GHz ≥ 17.5 dB, 40 GHz to 50 GHz ≥ 13 dB, 50 GHz to 70 GHz

1) Connector only, Return Loss in application depends decisive on PCB layout





## Website

For more information refer to our website:  
[www.rosenberger.de/en/products/tm/](http://www.rosenberger.de/en/products/tm/)

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