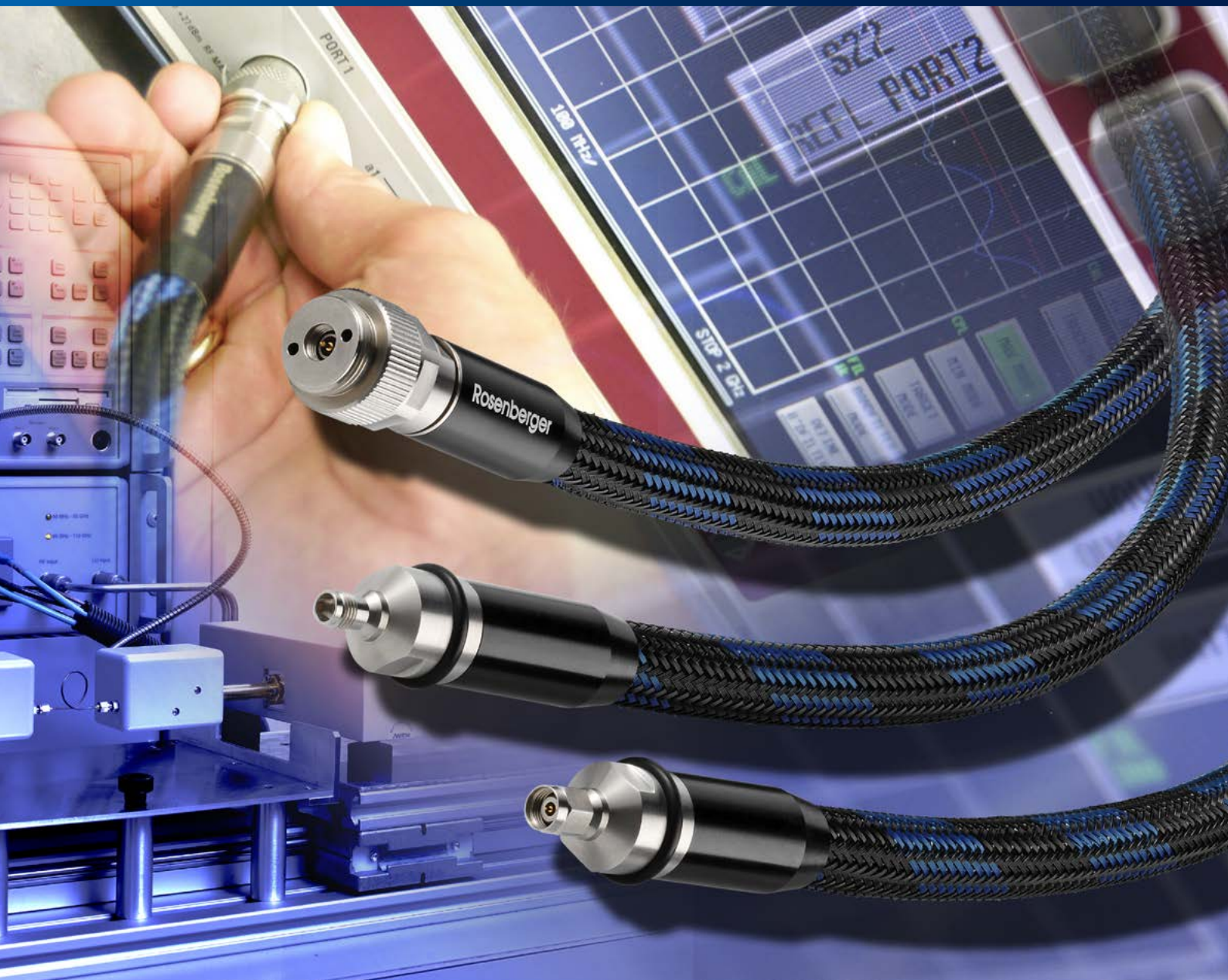
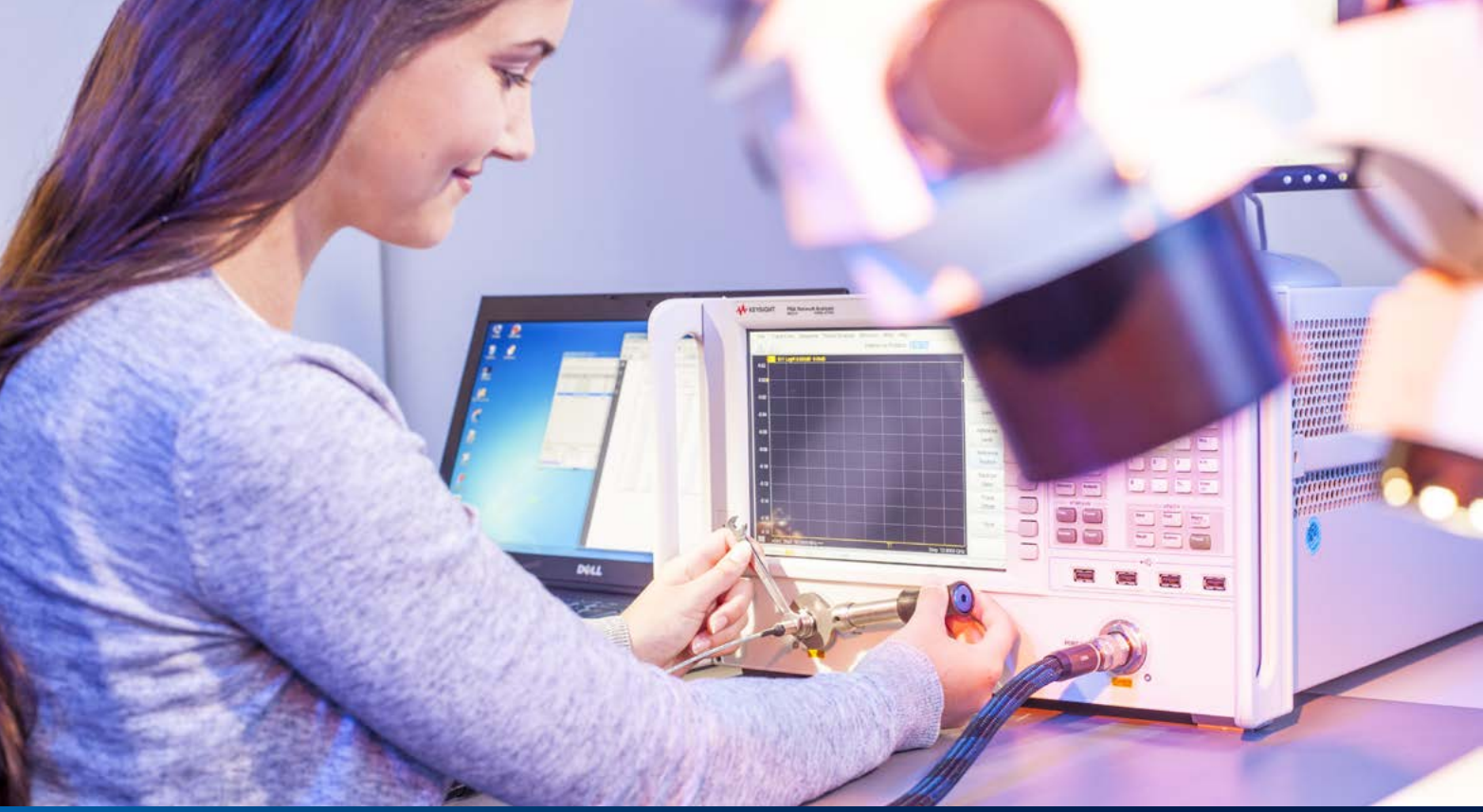
Rosenberger

For Vector Network Analyzers (VNA)

Test Port Cables

TEST & MEASUREMENT





Product Portfolio

Test Port Cables

Test port cables for VNA (Vector Network Analyzer) test applications from Rosenberger fulfill highest demands of industrial test applications. The highly flexible test cables are characterized by excellent phase and amplitude stability, a flexible armouring protects the microwave cable against abrasion and mechanical damages.

Product Features

- Cable assemblies available for various frequencies:
  12 GHz, 18 GHz, 26.5 GHz, 40 GHz, 50 GHz and 70 GHz
- Different connector series, also with additional ruggedized nut
- Standard length of 600 mm, other lengths available on request
- Excellent phase and amplitude stability
- High-quality wooden box available on request (for up to 2 cables with standard length of 600 mm and up to 4 test port adaptors)

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

50 Ω Test Port Cables and Accessories

18 GHz Test Port Cables

Rosenberger No. [1]	Connector 1	Connector 2	Return Loss
LU7-031-XXX	RPC-3.50 ruggedized female	RPC-7	≥ 28 dB, DC to 4 GHz ≥ 20 dB, 4 GHz to 18 GHz
LU7-042-XXX	RPC-N 50 Ω male	RPC-N 50 Ω male	
LU7-056-XXX	RPC-3.50 ruggedized female	RPC-N 50 Ω female	
LU7-069-XXX	RPC-3.50 ruggedized female	RPC-N 50 Ω male	
LU7-070-XXX	RPC-7	RPC-7	
LU7-120-XXX	RPC-N 50 Ω male	RPC-3.50 male	
LU7-138-XXX	RPC-N 50 Ω male	RPC-N 50 Ω female	
LU7-149-XXX	RPC-N 50 Ω male	RPC-3.50 female	

26.5 GHz Test Port Cables

Rosenberger No. [1]	Connector 1	Connector 2	Return Loss
LU7-035-XXX	RPC-3.50 ruggedized female	RPC-SL 26.5 GHz female	≥ 26 dB, DC to 4 GHz ≥ 20 dB, 4 GHz to 26.5 GHz
LU7-039-XXX	RPC-3.50 ruggedized female	RPC-3.50 male	
LU7-043-XXX	RPC-3.50 ruggedized female	RPC-3.50 female	
LU7-055-XXX	RPC-3.50 female	RPC-3.50 male	

1) XXX: please fill in the requested length. Standard = 600 mm

40 GHz Test Port Cables

Rosenberger No. [1]	Connector 1	Connector 2	Return Loss
LU1-004-XXX	RPC-2.40 ruggedized female	RPC-SL 40 GHz female	≥ 26 dB, DC to 4 GHz ≥ 17 dB, 4 GHz to 40 GHz
LU1-005-XXX	RPC-2.92 ruggedized female	RPC-2.92 male	
LU1-006-XXX	RPC-2.92 ruggedized female	RPC-2.92 female	
LU1-022-XXX	RPC-2.92 ruggedized female	RPC-SL 40 GHz female	
LU1-034-XXX	RPC-2.40 ruggedized female	RPC-2.92 male	
LU1-045-XXX	RPC-2.40 ruggedized female	RPC-2.92 female	

50 GHz Test Port Cables

Rosenberger No. [1]	Connector 1	Connector 2	Return Loss
LU8-005-XXX	RPC-2.40 ruggedized female	RPC-2.40 male	≥ 26 dB, DC to 4 GHz ≥ 17 dB, 4 GHz to 50 GHz
LU8-006-XXX	RPC-2.40 ruggedized female	RPC-2.40 female	

70 GHz Test Port Cables

Rosenberger No. [1]	Connector 1	Connector 2	Return Loss
LU5-106-XXX	RPC-1.85 ruggedized female	RPC-1.85 female	≥ 26 dB, DC to 4 GHz ≥ 22 dB, 4 GHz to 20 GHz ≥ 15 dB, 20 GHz to 50 GHz ≥ 14 dB, 50 GHz to 70 GHz
LU5-107-XXX	RPC-1.85 ruggedized female	RPC-1.85 male	

1) XXX: please fill in the requested length. Standard = 600 mm

75 Ω Test Port Cables and Accessories

12 GHz Test Port Cables

Rosenberger No. [1]	Connector 1	Connector 2	Return Loss
L75-001-XXX	RPC-N 75 Ω male	RPC-N 75 Ω male	≥ 28 dB, DC to 3 GHz ≥ 26 dB, 3 GHz to 4 GHz ≥ 20 dB, 4 GHz to 12 GHz

Accessories

Rosenberger No.	Remarks
VA_CASE-001	Wooden case with foam inlay for up to 2 pcs of test cable assemblies with standard length (600 mm) and up to 4 test port adaptors

1) XXX: please fill in the requested length. Standard = 600 mm

Rosenberger also offers a wide range of test port adaptors.
For further information please see the flyer.

Status July 2020 – Technical modifications and errors excepted. Similar images.

Website

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

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