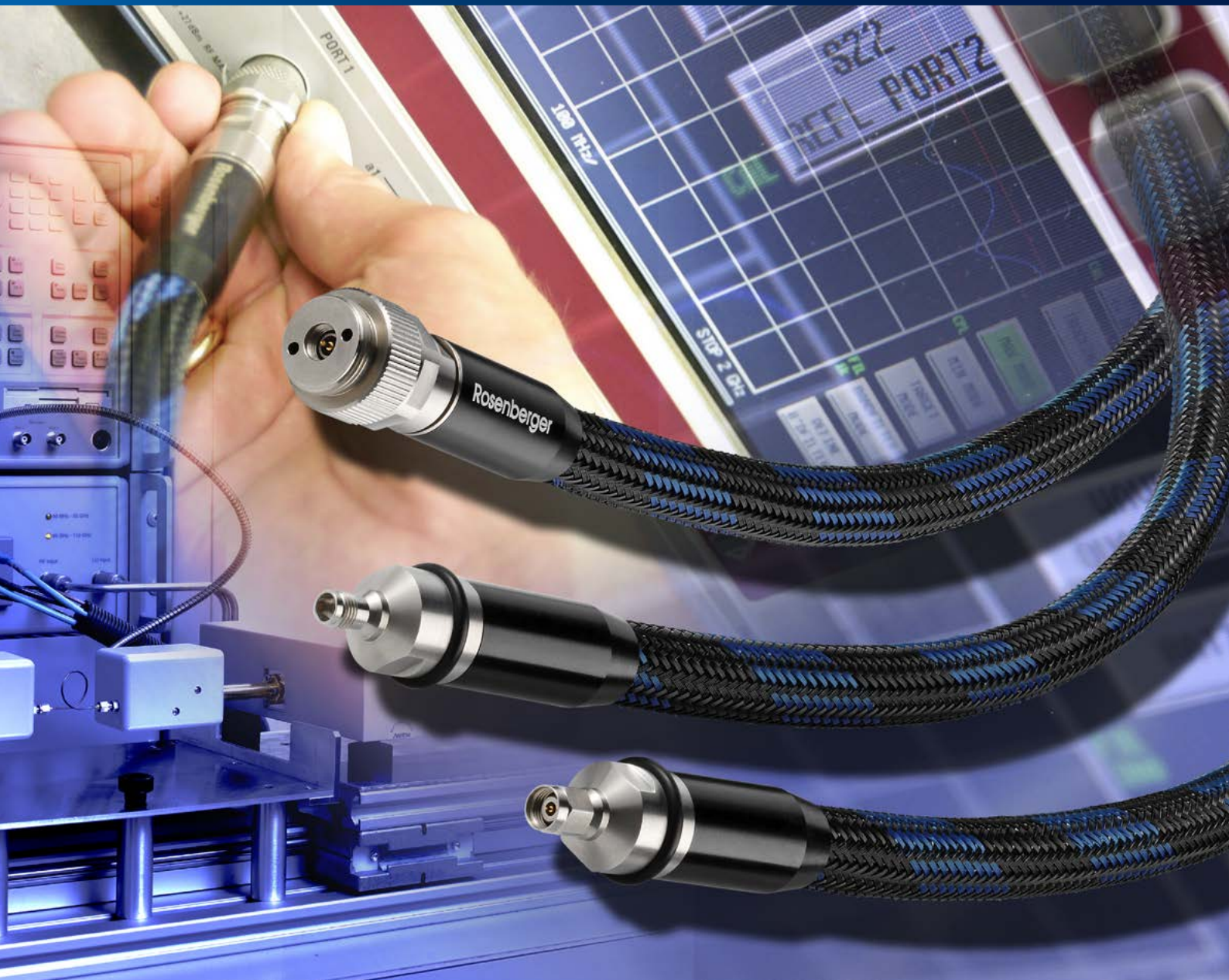


Rosenberger

For Vector Network Analyzers (VNA)

Test Port Cables and Sets

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

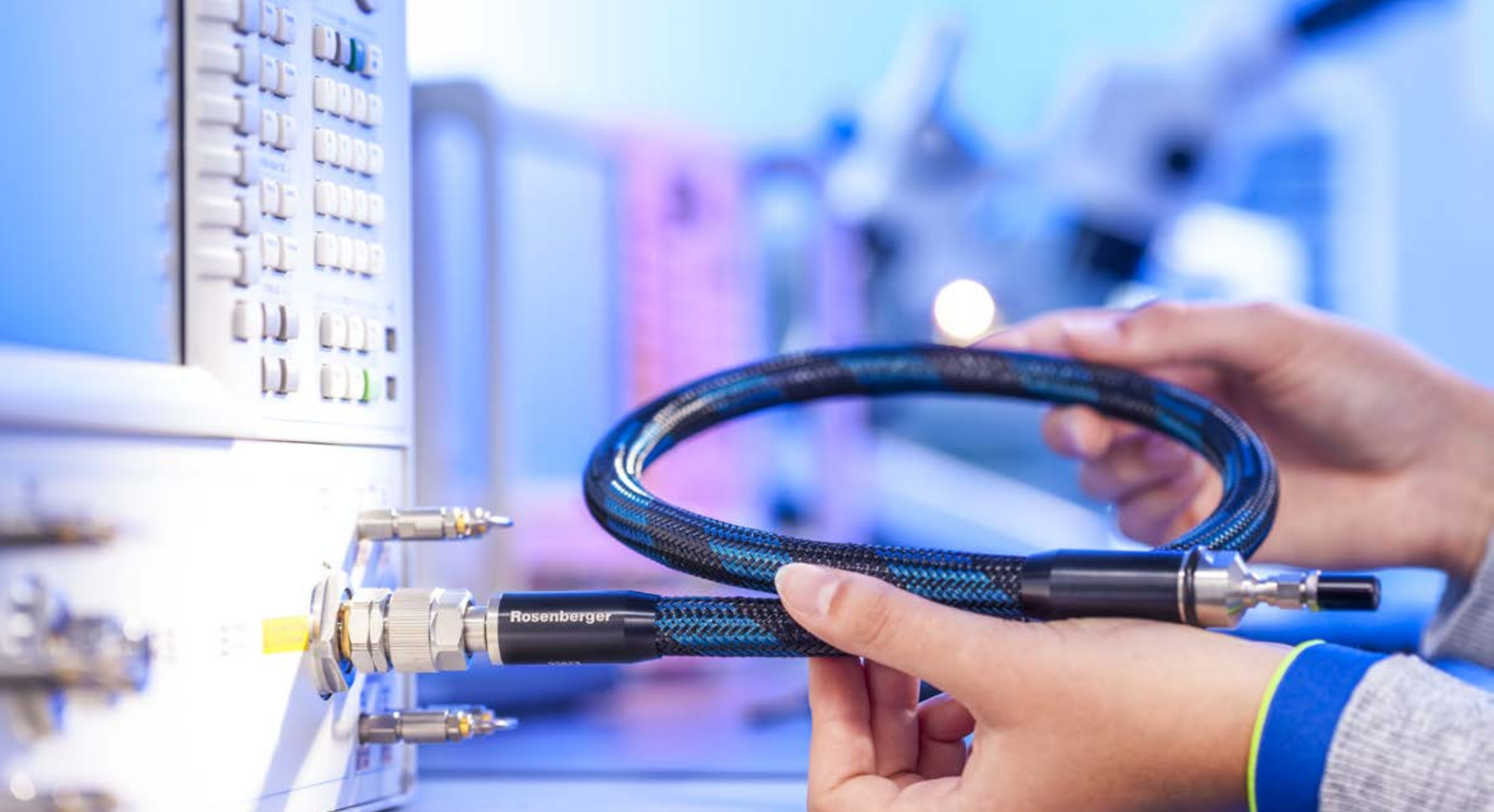
Test Port Cable Sets

Rosenberger VNA test port cables are also available as cable sets containing two cables with a standard length of 600 mm each.

Product Features

- Various cable sets for frequencies up to 70 GHz
- Delivered in high-quality wooden boxes

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



75 Ω Test Port Cables and Sets

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

12 GHz Test Port Cable Sets

Rosenberger No.	Cable Assemblies	Cable Length
VA75A-Nm-Nm-60	2x L75-001-600	600 mm

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.



50 Ω Test Port Cables and Sets

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	

18 GHz Test Port Cable Sets

Rosenberger No.	Cable Assemblies	Cable Length
VA26-3.50m-Nm-60	2x LU7-120-600	600 mm
VA26-Nm-Nm-60	2x LU7-042-600	
VA26-Nm-Nmf-60	1x LU7-042-600 1x LU7-138-600	
VA26-PC7-PC7-60	2x LU7-070-600	
VA26-TP-N-60	1x LU7-069-600 1x LU7-056-600	
VA26-TP-Nm-60	2x LU7-069-600	
VA26-TP-PC7-60	2x LU7-031-600	

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



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	

26.5 GHz Test Port Cable Sets

Rosenberger No.	Cable Assemblies	Cable Length
VA26-3.50m-3.50f-60	2x LU7-055-600	600 mm
VA26-TP-3.50-60	1x LU7-039-600 1x LU7-043-600	
VA26-TP-3.50m-60	2x LU7-039-600	
VA26-TP-W-60	2x LU7-035-600	

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	

40 GHz Test Port Cable Sets

Rosenberger No.	Cable Assemblies	Cable Length
VA40-TP-2.92-60	1x LU1-005-600 1x LU1-006-600	600 mm
VA40-TP-2.92f-60	2x LU1-006-600	
VA40-TP-2.92m-60	2x LU1-005-600	
VA40-TP-W-60	2x LU1-022-600	
VA41-TP-2.92-60	1x LU1-034-600 1x LU1-045-600	
VA41-TP-2.92m-60	2x LU1-034-600	
VA41-TP-W-60	2x LU1-004-600	

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



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
LU8-006-XXX	RPC-2.40 ruggedized female	RPC-2.40 female	≥ 17 dB, 4 GHz to 50 GHz

50 GHz Test Port Cable Sets

Rosenberger No.	Cable Assemblies	Cable Length
VA50-TP-2.40-60	1x LU8-005-600 1x LU8-006-600	600 mm

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
LU5-107-XXX	RPC-1.85 ruggedized female	RPC-1.85 male	≥ 15 dB, 20 GHz to 50 GHz ≥ 14 dB, 50 GHz to 70 GHz

70 GHz Test Port Cable Sets

Rosenberger No.	Cable Assemblies	Cable Length
VA70-TP-1.85-60	1x LU5-107-600 1x LU5-106-600	600 mm

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



Website

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

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