

INSTRUMENTATION GRADE ADAPTERS

34 Series DC to 60 GHz



34ASF50



34NN50A



34RKRK50



34RSN50

The 34 Series of precision adapters enable accurate measurements with GPC-7, Type N, or WSMA interfaces. Every adapter is fully specified and 100% tested to ensure low reflections and optimum performance over a broad frequency range.

Precision adapter features

- Low SWR and insertion loss
- GPC-7, Type N, and WSMA connectors
- Convenient transition with minimal effect on signal
- 50 Ω or 75 Ω impedance

Specifications

Model	Frequency range (GHz)	Impedance (Ω)	Connectors	SWR	Dimensions L(cm) x dia(cm)
34NN75B	DC to 3	75	N(m) to N(m)	1.1	6.0 x 2.2
34AN50 34ANF50	DC to 18	50	GPC-7 to N(m) GPC-7 to N(f)	1.02	4.2 x 2.2 4.2 x 2.2
34AS50 34ASF50	DC to 18	50	GPC-7 to WSMA(m) GPC-7 to WSMA(f)	1.033	3.8 x 2.2 3.8 x 2.2
34NN50A 34NFN50	DC to 18	50	N(m) to N(m) N(f) to N(f)	1.1	6.0 x 2.2 4.7 x 1.6
34NK50 34NKF50 34NFK50 34NFKF50	DC to 18	50	N(m) to K(m) N(m) to K(f) N(f) to K(m) N(f) to K(f)	1.12	3.8 x 2.2 3.8 x 2.2 3.8 x 1.6 3.8 x 1.6
34SFSF50	DC to 26.5	50	WSMA(f) to WSMA(f)	1.11 to 18.5 GHz 1.18 to 26.5 GHz	1.6 x 0.8

The 34R Series precision adapters provide a rugged, rigid connection between Anritsu instruments with WSMA, K Connector®, or V Connector® outputs and Anritsu SWR Autotesters and SWR Bridges or other instruments.

The adapters have an outside diameter equal to that of a Type N connector, adding mechanical strength to the test setup and making installation convenient and fast.

Specifications

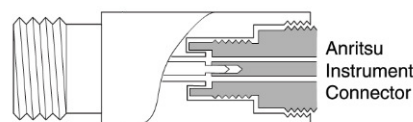
Model	Frequency range (GHz)	Connectors	SWR	Dimensions L(cm) x dia(cm)
34RSN50	DC to 18	RS(m) to N(m)	1.40	5.1 x 2.2
34RKNF50	DC to 18	RK(m) to N(f)	1.40	5.1 x 1.7
34RVNF50	DC to 18	RV(m) to N(f)	1.40	5.1 x 1.7
34RKRK50	DC to 40	RK(m) to RK(m)	2.00	5.8 x 1.7
34RVRK50	DC to 40	RV(m) to RK(m)	2.00	5.8 x 1.7
34RVRV50	DC to 60	RV(m) to RV(m)	2.30	5.8 x 1.7

Impedance: 50 Ω

Temperature range: 0°C to +75°C

Ruggedized adapter features

- Enhance reliability of microwave test setup
- Easy-to-grasp Type N outside diameter
- Rigid test connections for improved test data repeatability



34R Series Adapter

Ordering information

Please specify model/order number, name, and quantity when ordering.

Model/Order No.	Name
	Precision adapter
34NN75B	DC to 3 GHz, 75 Ω , N(m)-N(m)
34AN50	DC to 18 GHz, 50 Ω , GPC-7-N(m)
34ANF50	DC to 18 GHz, 50 Ω , GPC-7-N(f)
34AS50	DC to 18 GHz, 50 Ω , GPC-7-WSMA(m)
34ASF50	DC to 18 GHz, 50 Ω , GPC-7-WSMA(f)
34NN50A	DC to 18 GHz, 50 Ω , N(m)-N(m)
34NFN50	DC to 18 GHz, 50 Ω , N(f)-N(f)
34NK50	DC to 18 GHz, 50 Ω , N(m)-K(m)
34NKF50	DC to 18 GHz, 50 Ω , N(m)-K(f)
34NFK50	DC to 18 GHz, 50 Ω , N(f)-K(m)
34NFKF50	DC to 18 GHz, 50 Ω , N(f)-K(f)
34SFSF50	DC to 26.5 GHz, 50 Ω , WSMA(f)-WSMA(f)
34RSN50	DC to 18 GHz, 50 Ω , RS(m) to N(m)
34RKNF50	DC to 18 GHz, 50 Ω , RK(m) to N(f)
34RVNF50	DC to 18 GHz, 50 Ω , RV(m) to N(f)
34RKRK50	DC to 40 GHz, 50 Ω , RK(m) to RK(m)
34RVRK50	DC to 40 GHz, 50 Ω , RV(m) to RK(m)
34RVRV50	DC to 60 GHz, 50 Ω , RV(m) to RV(m)