

# INSTRUMENTATION GRADE ADAPTERS

34 Series DC to 60 GHz



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

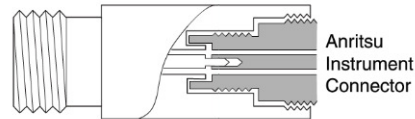
Model	Frequency range (GHz)	Connectors	SWR	Dimensions L(cm) x dia(cm)
34RSN50	DC to 18	RS(m) to N(m)	1.40	5.1 x 2.2
34RKNF50	DC to 18	RK(m) to N(f)	1.40	5.1 x 1.7
34RVNF50	DC to 18	RV(m) to N(f)	1.40	5.1 x 1.7
34RKRK50	DC to 40	RK(m) to RK(m)	2.00	5.8 x 1.7
34RVRK50	DC to 40	RV(m) to RK(m)	2.00	5.8 x 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
	<b>Precision adapter</b>
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)