

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 phase 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 34NFN75B | DC to 3 | 75 | N(m) to N(m) N(f) to N(f) | 1.1 | 6.0 x 2.2 4.7 x 1.6 |
| 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 |

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

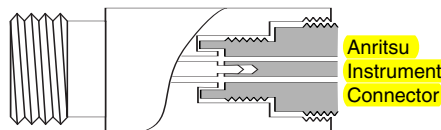
Temperature range: 0°C to +75°C

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.

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) |
| 34NFN75B | DC to 3 GHz, 75 Ω, N(f)-N(f) |
| 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) |