

Features

- Broadband Antennas
- High Gain, Low Noise Preamplifiers
- Comb Generators
- Measurement Cable Set
- Near-Field Probe Set
- Carrying Case
- Three-Year Warranty

Description

The **ANK-318** is one of five portable antenna kits offered by Com-Power. This kit includes the necessary antennas, preamplifiers and measurement cables for pre-compliance or qualification level radiated emissions testing in the 30 MHz to 18 GHz frequency range, as well as two Comb Generators for test site verifications and a near-field probe set for troubleshooting EMI problems.

The entire kit is smartly arranged within a single, durable, compartmentalized carrying case with wheels for easy transport.

Optionally, the kit can be purchased with an **AT-812** Antenna Tripod for mounting the antennas. **Option AT-812** includes only the tripod and its standard accessories; while **Option ATC-812** also includes a tubular, wheeled carrying case, compartmentalized to house the tripod and its accessories.



Calibration

The antennas, preamplifiers and measurement cables are each individually calibrated with NIST traceability. The calibration data and certificates are provided. Recognized ISO 17025 accredited calibration is also available.



ANK-318 Components:

- **ABF-900** Biconical Antenna (30-300 MHz)
- **ALC-100** Log Periodic Antenna (300 MHz-1 GHz)
- **AH-118** Double Ridge Horn Antenna (1-18 GHz)
- **PAM-103** Preamplifier (1 MHz-1 GHz)
- **PAM-118A** Preamplifier (1-18 GHz)
- **CGO-520** Comb Generator (20 MHz-4.5 GHz)
- **CGO-5100B** Comb Generator (1-18 GHz)
- **CBL-ANK318** Measurement Cable Set DC-18 GHz
 - (1) 1-meter coaxial cable w/Type-N (male) connectors
 - (1) 1-meter coaxial cable w/Type-N (male) and BNC (male) connectors
 - (1) 5-meter coaxial cable w/Type-N (male) connectors
- **PS-500** Near-Field Probe Set
- **Compartmentalized Carrying Case**

Total Weight of Kit: 68 lbs. (30.8 kg)

Case Dimensions: 27.5" x 28" x 13.75" (69.9 x 71.1 x 34.9 cm)

Optional Items:

- **Option AT-812** Antenna Tripod
- **Option ATC-812** Antenna Tripod w/Carrying Case

Total Weight of Tripod/Case: 28 lbs. (12.7 kg)

Case Dimensions: 48" x 12.75" (121.9 x 32.4 cm)

