

## Features

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

## Description

The **ANK-140** is one of the 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 1 GHz to 40 GHz frequency range, as well as a Comb Generator 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-140 Components:

- ✓ **AH-118 Double Ridge Horn Antenna (1-18 GHz)**
- ✓ **AH-840 Double Ridge Horn Antenna (18-40 GHz)**
- ✓ **PAM-118A Preamplifier (1-18 GHz)**
- ✓ **PAM-840A Preamplifier (18-40 GHz)**
- ✓ **CGO-51000 Comb Generator (1-40 GHz)**
- ✓ **CBL-ANK140 Measurement Cable Set (DC-40 GHz)**
  - (1) 1-meter coaxial cable w/2.92 mm (male) connectors
  - (1) 5-meter coaxial cable w/2.92 mm (male) connectors
  - (3) Type-N (male) to 2.92 mm (female) adapters
  - (1) SMA (female) to BNC (male) adapter
- ✓ **PS-500 Near-Field Probe Set**
- ✓ **Compartmentalized Carrying Case**

**Total Weight of Kit: 31 lbs. (14 kg)**

**Case Dimensions: 24.5" x 20.75" x 11"** (62.2 x 52.7 x 27.9 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)



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