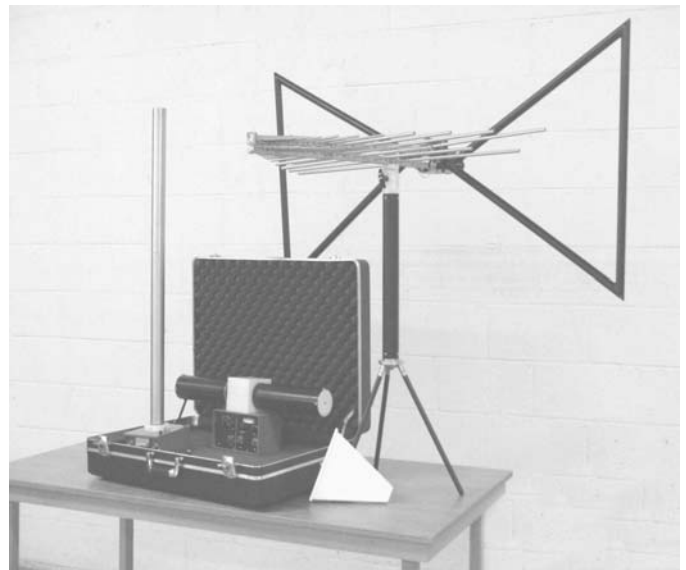


Our **TAK series** test antenna kits are comprised of individually calibrated antennas as well as compact, transportable E and H-field sensors for use in EMC and TEMPEST testing.

For each **TAK** kit, antenna selection is optimized for convenience, performance, and economy. Test antenna kits are available for FCC, VDE, CISPR, EN, MIL-STD, and TEMPEST testing.

Power supplies with rechargeable batteries are either an integral part of our active antennas or supplied with each kit.

For a detailed description of each antenna, please refer to the data sheets in this catalog. For special applications, other kits may be supplied at prices less than the total price of individual antennas.



**TEST ANTENNA KITS SELECTION CHART**

TYPE OF TEST	TEST ANTENNA KIT MODEL	FREQUENCY
FCC, VDE, CISPR/EN "Pre Scan"	TAK-19	9 kHz - 1 or 5 GHz
FCC, VDE, CISPR / EN	TAK-18	9 kHz - 1 GHz
MICROWAVE	TAK-20/D	1 GHz - 40 GHz
MIL-STD	TAK-17/B	20 Hz - 18 GHz
MIL-STD	TAK-17/C	20 Hz - 40 GHz
TEMPEST	TAK-14/D	100 Hz - 18 GHz

**TAK-14/D - TEMPEST TEST ANTENNA KIT (100 HZ TO 18 GHz)**

- A) BBH-500/B (OR BBH-3100), MAGNETIC FIELD ANTENNA, 300 Hz - 100 MHz
- B) SAS-2/A, E-FIELD ANTENNA, 100 Hz – 1 GHz
- C) LPD-118/A, LOG-PERIODIC ANTENNA, 1-18 GHz
- D) RF CABLES AND CARRYING CASE

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**TAK-17/B - MIL-STD Test Antenna Kit (20 Hz to 18 GHz)**

- a) AVW-10/E, Active Whip Antenna, 1 kHz - 100 MHz
- b) PS-12/RB, Power Supply
- c) LPB-2520\*, SUPERLOG, 20 MHz - 2 GHz
- d) LPD-118/A, Log Periodic Dipole Antenna, 1 GHz - 18 GHz
- e) PLA-2050/A, Passive Loop Antenna, 20 Hz - 100 kHz
- f) PWP-1030/B, Passive Whip Antenna, 1 kHz - 30 MHz
- g) Current Probes, 20 Hz to 500 MHz (BCP-2100/A and BCP-1500)
- h) RF Cables and Carrying Case
- i) TP-3, Tripod
- j) N to BNC Adaptor

**TAK-17/C - MIL-STD Test Antenna Kit (20 Hz to 40 GHz)**

- a) TAK-17/B
- b) DRG-1840, Broadband Waveguide Horn, 18 GHz - 40 GHz

**TAK-18 - FCC/VDE/CISPR/EN Test Antenna Kit (9 kHz to 1 GHz)**

- a) LPB-2520\*, SUPERLOG, 20 MHz - 2 GHz
- b) ALA-1030/A, Active Loop Antenna, 1 kHz - 30 MHz
- c) TP-5, Tripod
- d) 10 Meter RF Cable (RG-214/U, N male connector)
- e) N (female) to BNC (male) adaptor

**OPTIONS:**

- 1) HFP-7410, E & H Field Probe Set, 0.3 MHz - 600 MHz
- 2) TDS-3010/A, Tuned Dipole Set, 30 MHz - 1 GHz
- 3) BCD-235/C, Collapsible Passive Biconical Antenna, 20 MHz - 350 MHz
- 4) Carrying Case
- 5) PA-3100 preamplifier, 300 kHz - 1 GHz
- 6) LISN 930, Line Impedance Stabilization Network 9 kHz - 30 MHz

**TAK-19 - FCC/VDE/CISPR/EN "PRE SCAN" Test Antenna Kit (9 kHz to 1 or 5 GHz)**

- a) LPB-2520\*, SUPERLOG, 20 MHz - 2 GHz
- b) TDS-3010/A, Tuned Dipole Set, 30 MHz - 1 GHz
- c) ALA-1030/A, Active Loop Antenna, 1 kHz - 30 MHz
- d) HFP-7410, E & H Field Probe Set, 0.3 MHz - 600 MHz
- e) 10 Meter RF Cable (RG-214/U, N male connector)

**OPTIONS:**

- 1) HFP-7420, E & H Field Probe Set
- 2) LPD-3500, Printed Circuit Log Periodic Antenna, 300 MHz - 5 GHz
- 3) DRG-118/A, Broadband Waveguide Horn, 1 GHz - 18 GHz
- 4) Low Loss Cable, 10m
- 5) MAM-4/4, Adjustable Height Support Mast
- 6) ART-1000M, Non-powered Turntable
- 7) PA-3100, pre-amplifier, 300 kHz - 1 GHz
- 8) LISN-930, Line Impedance Stabilization Network, 9 kHz - 30 MHz

**TAK-20/D - MICROWAVE TEST ANTENNA KIT (1 TO 40 GHz)**

- a) DRG-118/A, Broadband Waveguide Horn, 1 GHz - 18 GHz
- b) DRG-1840/A, Broadband Waveguide Horn, 18 GHz - 40 GHz
- c) Carrying Case

\* Optional: You may order a biconical (BCD-235/B or BCD-235/C) and a Log Periodic Dipole (LPD-2010/AK) in lieu of our SUPERLOG antenna LPB-2520.