

# TRANSCEIVER TEST EQUIPMENT

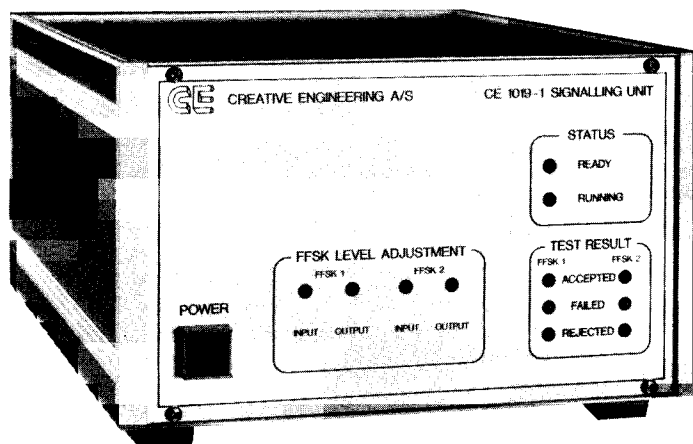
Cellular Interfaces

Models 8958A, 11799A

729



HP 8958A



HP 11799A

## HP 8958A Cellular Radio Interface

The HP 8958A Cellular Radio Interface gives your system the capability to fully test a cellular radio. With the flexible Channel Simulator, you can simulate cell-site operation, verify signaling protocol, or perform highly complex and sophisticated tests using an external controller to generate and analyze data content.

The HP 8958A controls the audio and dc paths between the test instrumentation and the radio. Functions include audio source and analyzer paths, dc power to the radio, access to the audio test points in the AMPS Test Bus Interface, and a power supply programmer.

Connections are provided for up to six RF signal sources and monitors (one of these ports is a low-SWR, controlled-loss path intended for high-accuracy power measurements). Option 002 adds a second antenna connection and RF switch for diversity testing. Option 003 provides one 4 GHz, low-loss path for conducted spurious tests.

### HP 8958A Specifications

Frequency range: 10 to 1500 MHz.

Maximum input power: 20W.

VSWR:

RF Port 1: 1.2.

RF Ports 2-6: 1.5.

RCV-XMT: 1.2

### Ordering Information

HP 8958A Cellular Radio Interface

Price

\$11,000

## HP 11799A Signaling Unit

For testing cellular radios compatible with the 450 and 900 MHz protocols of the Nordic Mobile Telephone (NMT) system, Hewlett-Packard recommends and supplies the Creative Engineering CE1019-1 Signaling Unit. The CE1019-1 can be ordered from Hewlett-Packard as HP Model 11799A.

When used with the three basic transceiver test instruments and a duplex interface, the HP 11799A simulates a base station and mobile exchange for over-the-air RF and signaling tests of cellular mobile radios.

### Ordering Information

HP 11799A Signaling Unit

Price

\$14,000