

NETWORK ANALYZERS



NETWORK ANALYZER

Broadband measurement systems to suit your application

8410A Network Analyzer System

8410A Network Analyzer
Mainframe for readout modules includes tuning circuits, IF amplifiers, and precision IF attenuator.

8411A Harmonic Converter
Converts 2 RF input signals (110 MHz-12.4 GHz) into 20 MHz IF signals.

11587A Accessory Kit



Accessories normally used for transmission and reflection tests contained in sturdy carrying case.

Couplers



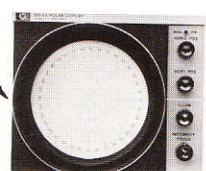
Phase/Gain



8413A Phase-Gain Indicator

Meter readout module for 8410A Mainframe. Provides CW display of relative amplitude and phase between input signals. Auxiliary outputs provide swept frequency displays on a scope or X-Y recorder.

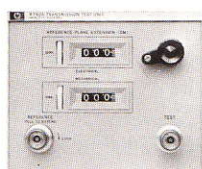
Polar Display



8414A Polar Display

CRT polar display module for 8410A Mainframe. Provides swept frequency display of relative amplitude and phase between input signals. Smith Chart overlays give direct impedance readout. Auxiliary X-Y outputs allow high resolution polar and Smith Chart plots.

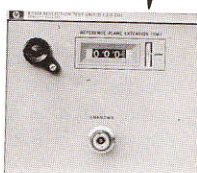
Transmission Only
0.10 - 12.4 GHz



8740A Transmission Test Unit

Transmission measurements only. RF input signal is split into reference and test channels. Calibrated line stretcher in test channel varies the linear phase shift between channels.

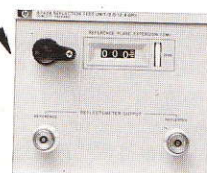
Reflection Only
0.10 - 2.0 GHz



8741A Reflection Test Unit

Reflection measurements only. Wide band reflectometer. Calibrated line stretcher in reference channel varies the linear phase shift between channels.

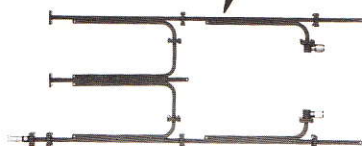
Reflection Only
2.0 - 12.4 GHz



8742A Reflection Test Unit

Reflection measurements only. Ultra-wide band reflectometer. Calibrated line stretcher in reference channel varies the linear phase shift between channels.

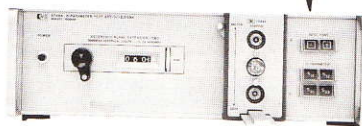
Transmission/Reflection (Waveguide)
X-Band (8 - 12.4 GHz)
P-Band (12.4 - 18 GHz)



X8747A/P-8747A Waveguide Reflection/Transmission Test Unit

For reflection and transmission measurements of waveguide components. Has calibrated sliding short for varying phase shift between channels. Two models, for X-band and for P-band.

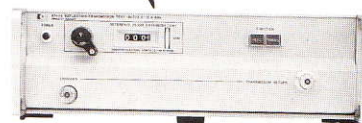
Transmission/Reflection (Transistors)
0.10 - 2.0 GHz two-port



8745A S Parameter Test Set

Four pushbuttons (S_{11} , S_{12} , S_{21} , S_{22}) switch between reflection and transmission response of two-ports. Calibrated line stretcher in reference channel varies linear phase shift between channels.

Transmission/Reflection
2.0 - 12.4 GHz



8743A Reflection/Transmission Test Unit

Two pushbuttons switch between reflection and transmission measurements. Calibrated line stretcher in reference channel varies linear phase shift between channels.