P/N: 106-686

Membrane General Purpose Impedance Standard Substrate

Pitch: 80 μm - 3000 μm

Configuration: Various Membrane Tip Configurations
ISS 106-686 is a general-purpose ISS which may be used to perform VNA calibration for many probe-tip configurations.

- It includes a large ground area, with 36 – 50 Ω loads peppered across the surface. This provides ability to touchdown on a short and a load, for most probe configurations.
- On the periphery of the ISS 106-686, there are several transmission lines in various configurations. The line delays are shown below.

### Calibration Coefficients
Calibration Coefficients are dependent on the probe tip configuration, placement on a standard, and the standard configurations. This leads to unique calibration coefficients for a unique pair of probe and ISS. Therefore, the calibration coefficients are supplied with the probe not with the ISS.