



APPLICATION NOTES

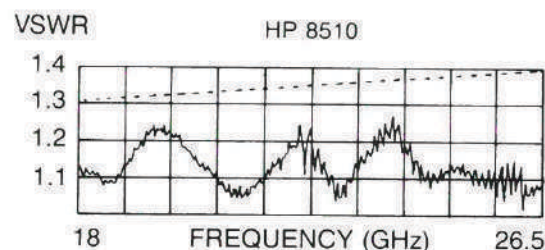
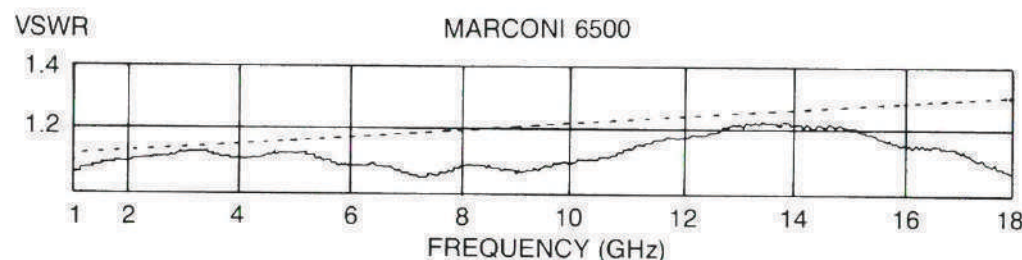
This method tests the connectors as they are ultimately used (two connector interfaces and two seal interfaces), and eliminates the variable of pin-to-line transitions. The VSWR figures obtained from this test method can be translated to single connector/seal VSWR by extracting the square root of the result.

Although we believe that this test method most accurately reflects the performance of our connectors and seals, the results (Figure E) should only be used as a baseline for estimating their VSWR contribution to a device. Any VSWR contributed by the pin-to-line attachment must be accounted for before the final performance of the device can be known.

As with all of our products, requests for variations of the standard parts shown in our literature are welcome.

FIGURE E

TEST RESULTS, (2) 9044-9513-000
TESTED PER FIGURE D



Dotted line = $VSWR (1.05 + .005F [GHz])^2$
Max. VSWR DC-18 GHz: 1.23: 1 @ 13.93 GHz
Max. VSWR DC-26.5 GHz: 1.28: 1 @ 23.74 GHz

