

SPECIFICATIONS

Hewlett-Packard guarantees that your adapters will equal or exceed the following specifications:

The inner conductor of the NMD-3.5mm connector should be recessed 0.0000-0.0022 inches (0.000-0.056 mm) below the mating surface of the outer conductor.

The center conductor of the 7mm connector, with the collet removed, should be recessed 0.0005 ± 0.0003 inches (0.013 ± 0.008 mm) below the mating surface of the outer conductor.

The HP 85130B adapters exhibit the following electrical performance:

<8 GHz	.....	>34 dB return loss
8-18 GHz	.....	>28 dB return loss

REPLACEABLE PARTS

Only the center collet of the 7mm connector is field-replaceable. If the collet becomes damaged, loses its springiness or will not return to position after being depressed, or does not protrude 0.002-0.010 inches (0.05-0.25mm) beyond the mating plane of the outer conductor, it must be replaced. To replace the collet use the HP extractor tool, and precision 6-slot replacement collet. Refer to the Microwave Connector Care manual for further information.

EQUIPMENT AND SUPPLIES

The following equipment and supplies are required for the maintenance and use of, but are not supplied with, your HP 85130B adapter kit.

3.5mm gage kit	.....	1250-1862
7mm gage kit	.....	1250-1875
7mm torque wrench	.....	8710-1766
Extractor tool, used to remove the collet	.....	5060-0236
Microwave Connector Care Manual	.....	08510-90064
Precision 6-slot collet	.....	85050-20001
Connector cleaning kit	.....	92193Z