

**1J1012
2-Terminal
SMD Fixture**

**1J1014
4-Terminal
SMD Fixture**

**1J1024
2-Terminal
Small SMD Fixture**



The 1012, 1014 and 1024 SMD Fixtures are used to connect a Wayne Kerr analyzer to a surface mount package with terminations on the end of the package.

The 1012 and 1024 fixtures make a 2-terminal measurement which is suitable for most high impedance devices such as low value capacitors. The 1024 accepts smaller package sizes than the 1012.

The 1014 fixture makes a 4-terminal measurement which is suitable for low value impedance and resistance devices.

Suitable analyzer models

All 3 fixtures can be used with the following models of Wayne Kerr analyzer:

6500B series Precision Impedance Analyzer

6500P series HF LCR Meter

6430B Precision Component Analyzer

6440B Precision Component Analyzer

3255B Inductance Analyzer

4300 LCR Meter

The 3260B is not a suitable analyzer due to the different pitch of the BNC's on the front panel.

Accessories

Each fixture is supplied with a Transfer Standard Kit. This kit contains all items needed to perform the open and short circuit trims and HF compensation routine on the analyzer.

Specification

- Frequency Range:** 20Hz to 120MHz (determined by analyzer model)
- Connections:** Fixture fits directly onto analyzer front panel BNC's
- 1012 & 1024: 2-terminal connection to Device Under Test
- 1014: 4-terminal connection to Device Under Test

Note that DUT terminations must be on the end of the body in order to connect to the fixture measurement pins

Suitable surface mount case sizes:

Case Size	Fixture		
	1012	1014	1024
Minimum (Imperial)	0603 0.06" × 0.03"	0603 0.06" × 0.03"	0201 0.02" × 0.01"
Minimum (Metric)	1608 1.6 mm × 0.8 mm	1608 1.6 mm × 0.8 mm	0603 0.6 mm × 0.3 mm

- Analyzer selection:** The fixture is configured for the analyzer model using two switches in the top surface of the fixture.
- Dimensions:** 100 x 67 x 51mm (L x W x H)
- Weight:** 470g
- Operating temperature:** 0°C to 50°C

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Wayne Kerr's policy is one of continuous development and consequently the product may vary in detail from the description and specification in this publication.