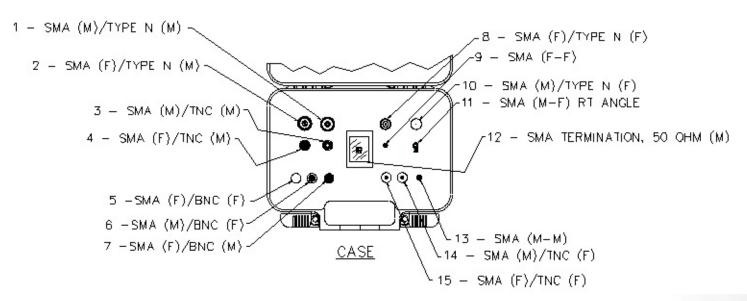
# Pomona B L E C T R O N I C S

### Model 72931 – SMA Adapter Kit



#### Features:

- All 15 adapters in kit are direct. No intermediate couplers.
- Reduced signal loss in adapters due to absence of couplers.
- Kit includes the most frequently used SMA adapters including SMA / SMA, SMA / BNC, SMA / N, SMA / TNC. See complete list in drawing or table below.
- Rugged, lockable, pistol-grip case.
- All parts precision machined brass with tarnish resistant gold or nickel plating.
- Male center pins are gold plated brass.
- Female contacts are gold plated heat treated beryllium copper.
- Insulation material is high density PTFE.



Order Example: 72931 (SMA Adapter Kit)

All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02$ " (,51 mm),  $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

Sales: 800-490-2361 Fax: 888-403-3360 Technical Support: 800-241-2060 (technical support@pomonatest.com) For "Where to Buy" information, visit the Pomona web site at www.pomonaelectronics.com

Rev: 100 D1094642, D1094540



## Model 72931 – SMA Adapter Kit

#### **RATINGS:**

See Rating Information for each specific adapter in table below.

| Item | Description          | Part   | NOM.<br>IMPEDANCE | FREQ.           | Vewp           | OPERATING        |
|------|----------------------|--------|-------------------|-----------------|----------------|------------------|
|      | SMA                  | Number | IMPEDANCE         | RANGE           | VSWR           | TEMP             |
| 1    | male/TYPE N          |        |                   |                 |                |                  |
|      | male                 | 4296   | 50 Ohms           | 0 to 12.4GHz    | 1.35 to 11GHz  | - 65° to +165° C |
| 2    | SMA female           |        |                   | 0.00.121.101.12 |                | 00 10 1100 0     |
|      | TYPE N male          | 4283   | 50 Ohms           | 0 to 11 GHz     | 1.35 to 11GHz  | - 65° to +165° C |
|      | SMA                  |        |                   |                 |                |                  |
| 3    | male/TNC             |        |                   |                 |                |                  |
|      | male                 | 4292   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 4    | SMA female/          | 4000   | 50 OI             | 0               | 4.05 / 44.011  | 05° / 405° 0     |
|      | TNC male             | 4293   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 5    | SMA<br>female/BNC    |        |                   |                 |                |                  |
|      | female               | 4291   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 6    | SMA male/            | 7231   | 30 Omm3           | 0 10 12.4 0112  | 1.00 to 110112 | 00 10 1100 0     |
|      | BNC female           | 4290   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 7    | SMA female/          |        |                   |                 |                |                  |
|      | BNC male             | 4289   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 8    | SMA                  |        |                   |                 |                |                  |
|      | female/TYPE          | 4000   | <b></b> 0.        |                 |                |                  |
|      | N female             | 4299   | 50 Ohms           | 0 to 11 GHz     | 1.35 to 11GHz  | - 65° to +165° C |
| 9    | SMA<br>female/female | 4284   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| -    | SMA male/            | 4204   | 30 Offilia        | 0 10 12.4 0112  | 1.55 to 110112 | - 03 10 +103 0   |
| 10   | TYPE N               |        |                   |                 |                |                  |
|      | female               | 4298   | 50 Ohms           | 0 to 11 GHz     | 1.35 to 11GHz  | - 65° to +165° C |
| 11   | SMA                  |        |                   |                 |                |                  |
|      | male/female          | 4282   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 12   | SMA male             |        |                   |                 |                |                  |
|      | TERM 50              | 4000   | 50.01             | DO / 40 OH      | 1.25 Max at 18 | 05% 405% 0       |
|      | Ohm                  | 4286   | 50 Ohms           | DC to 18 GHz    | GHz            | - 65° to +165° C |
| 13   | SMA<br>male/male     | 4283   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
|      | SMA                  | 4203   | 50 OHIIIS         | 0 10 12.4 GHZ   | 1.33 (0 11602  | - 00 10 + 100 C  |
| 14   | male/TNC             |        |                   |                 |                |                  |
|      | female               | 4294   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |
| 15   | SMA                  |        |                   |                 |                |                  |
|      | female/TNC           |        |                   |                 |                |                  |
|      | female               | 4295   | 50 Ohms           | 0 to 12.4 GHz   | 1.35 to 11GHz  | - 65° to +165° C |

All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02$ " (,51 mm),  $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

Sales: 800-490-2361 Fax: 888-403-3360 Technical Support: 800-241-2060 (technical support@pomonatest.com) For "Where to Buy" information, visit the Pomona web site at www.pomonaelectronics.com

Rev: 100

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pomona: 72931