



SCHEMATIC

| ATTENUATION & VSWR TOLERANCES<br>ALL MODELS |                           |
|---------------------------------------------|---------------------------|
| VSWR                                        | ATTENUATION<br>TOLERANCES |
| 1.1 to 1GHz                                 | ±0.4dB to 1GHz            |
| 1.2 to 2GHz                                 | ±0.45dB to 2GHz           |
| 1.35 to 4GHz                                | ±0.65dB to 4GHz           |
| 1.45 to 6GHz                                | ±0.75dB to 6GHz           |
| 1.65 to 8GHz                                | ±0.9dB to 8GHz            |

| MODEL NUMBER | *ATTENUATION |
|--------------|--------------|
| 4108-3dB     | 3dB          |
| 4108-6dB     | 6dB          |
| 4108-10dB    | 10dB         |
| 4108-14dB    | 14dB         |
| 4108-20dB    | 20dB         |



Model 4108-20DB

### FEATURES:

- Use to attenuate signals in coaxial lines

### RATINGS:

Operating Temperature: -55°C to +102°C

Nominal Impedance: 50 Ohm

Power: 2 Watt @ 70°C; derated linearly to .6 watts @ 150°C

Resistor Tolerance: 1± % @ 25°C

### MATERIALS:

**Body and Fittings** – Brass per QQ-B-626, Alloy 360, ½ Hard

**Center Contact** – Male: Brass per QQ-B-626, Alloy 360, ½ Hard; Female: Beryllium Copper per QQ-C-530, Cond. HT.

**Outer Contact** – Beryllium Copper per QQ-C-530, Cond. HT.

**Dielectric** – PTFE per ASTM D1457

**Gaskets** – Silicone rubber per ZZ-R-765, Class 11, Grade 50

**Resistor** – 2W, Metal film attenuator

### Finish:

**Body and Fittings** – Tarnish Resistant

**Center Contact** – Gold plated per requirements of MIL-C-39012

**Outer Contact** – Tarnish Resistant

**Marking:** Body – “POMONA 4108-\*”

### ORDERING INFORMATION:

Model **4108-XXdB**, XX – See table for available attenuations

**5513 Kit** contains 1 of each model

All dimensions are in inches and metric. Tolerances (except noted): .xx = ±.02” (.51 mm), .xxx = ± .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. Made in the USA.