

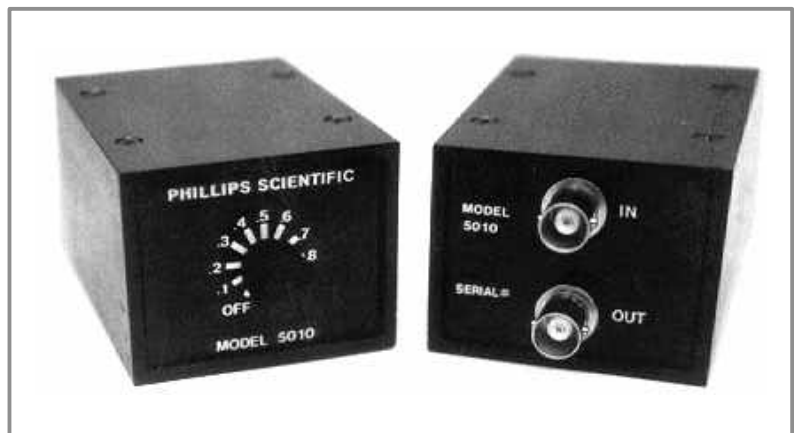
DESCRIPTION

The Phillips Scientific Model 5010 is a twelve position, 50 ohm, rotary Pi attenuator. It is configured with an OFF position and ten calibrated steps from .1 to 1.0 attenuation in .1 increments. An additional open position has been included to allow the user to add another value of attenuation if desired. The 5010 employs a high quality sealed switch that maintains uniform performance in the presence of dust or other contaminants. It is packaged in a small, rugged aluminum enclosure.

SPECIFICATIONS

Attenuation Range and Steps:

<u>Position</u>	<u>Gain</u>
1	.10
2	.20
3	.30
4	.40
5	.50
6	.60
7	.70
8	.80
9	.90
10	1.00
11	Open
12	Off



Attenuation Accuracy :

$\pm 0.5\%$ of setting.

Impedance :

50 ohms $\pm 1\%$; for all positions except 11.

Frequency Range :

DC to 1000 MHz. (3db point)

Voltage Standing Wave Ratio

1.05:1 to 250 MHz.

1.10:1 to 500 MHz.

1.20:1 to 1 GHz.

Average Power :

0.5 Watt.

Indexing :

30° Continuous rotation.

Operating Temperature Range :

-20°C to +75°C.

Connector Types :

BNC connectors are standard; LEMO or SMA female are optional. (Specify when ordering).

Packaging :

Black anodized aluminum enclosure;

2.25" x 3" x 1.75", (5.72 cm x 7.6 cm x 4.45 cm)