



**The Name for
Attenuators**

ACCESSORIES IMPEDANCE MATCHING PADS Z Series

Alan Industries' Z Series of Matching Pads is designed to connect two different impedances without the introduction of reflections to the circuit. The most common Impedance Matching Pad is 50 Ohms to 75 Ohms. Every matching pad has each connector port labeled indicating its respective impedance and the insertion loss. These units are available in a wide range of impedances; a few of the most common are shown and are available with any combination of standard connectors shown.



Alan

Industries, Inc.

745 Greenway Drive • Columbus, Indiana 47201 • USA
800-423-5190 or 812-372-8869 • Fax: 812-372-5909
www.alanindustries.com • sales@alanindustries.com



**The Name for
Attenuators**

Z Series

ELECTRICAL SPECIFICATIONS

MODEL	50Z75	50Z90	50Z93	50Z100	50Z135	50Z600	75Z50	75Z93
FREQUENCY RANGE	DC - 1 GHz	DC - 0.5 GHz	DC - 0.5 GHz	DC - 0.5 GHz	DC - 0.5 GHz	DC - 50 MHz	DC - 1 GHz	DC - 0.5 GHz
MAXIMUM SWR	1.2:1							
INSERTION LOSS (TYPICAL)	5.7 dB	6.9 dB	7.2 dB	7.6 dB	9.5 dB	16.6 dB	5.7 dB	4.2 dB
MALE CONNECTOR IMPEDANCE	50	50	50	50	50	50	75	75
FEMALE CONNECTOR IMPEDANCE	75	90	93	100	135	600	50	75
CONNECTORS	BNC, F, N, SMA, TNC, UHF							
TEMPERATURE RANGE	-20° C to +125° C							
RoHS COMPLIANCE	RoHS Compliant upon request							

TO ORDER SPECIFY: Impedance, Category (Z), Impedance and type of Connectors.
For example, to order a 50 Ohm to 135 Ohm Matching Pad with BNC Connectors on
both connector ports, order Alan Model 50Z135 BNC.

Alan

Industries, Inc.

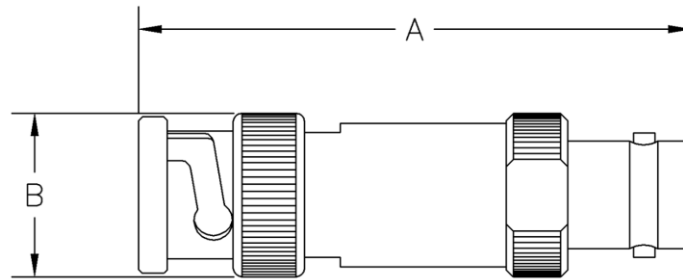
745 Greenway Drive • Columbus, Indiana 47201 • USA
800-423-5190 or 812-372-8869 • Fax: 812-372-5909
www.alanindustries.com • sales@alanindustries.com



**The Name for
Attenuators**

Z Series

PHYSICAL DIMENSIONS



CONNECTOR	A	B
BNC	1.935	0.575
N	2.525	0.795
TNC	1.925	0.600

Alan

Industries, Inc.

745 Greenway Drive • Columbus, Indiana 47201 • USA
800-423-5190 or 812-372-8869 • Fax: 812-372-5909
www.alanindustries.com • sales@alanindustries.com