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Find the *Wide Band Engineering A65V* at our website: *Click HERE*

# WIDE BAND ENGINEERING COMPANY, INC.

P.O. Box 21652, Phoenix, AZ 85036-1652 1838 E. University Drive, Phoenix, AZ 85034-6734
Phone 602-254-1570 Fax 602-254-1570

## IMPEDANCE CONVERTERS AND PADS

The A65 series uses a specially designed and tuned broadband transformer for converting 50/75 ohms, 75/93 ohms, 50/93 ohms with negligible loss, especially when 4.1 - 7.2 dB is gained over each MLP.

The Minimum Loss Pad (MLP) is used where more padding is required for measurements needing greater impedance isolation.

Pads (P*) are made to customer requirements from .5 to 40 dB; 0-500 MHz or 0-1000 MHz; 50, 75 or 93 ohms.

NOTES: Power ratings: A65's 5 watts cw; MLPs & P*s .25 watts cw
Size: "E" (see page 8)
Weight: Approx. 2 oz.

## IMPEDANCE CONVERTERS

| Model | Freq Range | VSWR | Loss (dB) |
|---|---|---|---|
| A65L | .01-200 MHZ | 50 ohm 1.2:1 max .02-200 MHz; 1.05:1 max .050-150 MHz | .5 max .01-200 MHz; .15 max .01-100 MHz |
| A65V | 1-600 MHz | 50 ohm 1.2:1 max 1-600 MHz; 1.05:1 max 5-600 MHz | .25 max .3-600 MHz; .15 max .5-300 MHz |
| A65GA | .3-600 MHz | 50 ohm 1.2:1 max .3-600 MHz; 1.03:1 max 2-600 MHz | .25 max .3-600 MHz; .15 max .5-300 MHz |
| A65U | 1-1000 MHz | 50 ohm 1.1:1 max 2-1000+ MHz; 1.05:1 typical 5-1000 MHz | .5 max .5-1000 MHz |
| A65 75/93 | 1-500 MHz | 75 ohm 1.1:1 max 1-600 MHz; 1.05:1 max 2-500 MHz | .6 max .3-500 MHz; .3 max 1-300 MHz |

Chassis Size: 7/8" x 1 1/8" x 1 1/2" (2.22 cm x 2.86 dm x 3.81 cm)
Individual test data available. Add suffix "D"

## PADS

| Model | Freq. Range MHz | VSWR | Loss | Remarks |
|---|---|---|---|---|
| MLPV | 0-600 | 50 ohm 1.05:1 max (32 dB min) | 5.7 dB +/-.1 dB | VHF |
| MLPU | 0-1000 | 50 ohm 1.05:1 max (32 dB min) | 5.7 dB +/-.2 dB | UHF |
| MLP 75/93 | 0-500 | 75 ohm 1.05:1 max (32 dB min | 4.1 dB +/-.15 dB | 75/93 ohm MLP |
| MLP 50/93 | 0-500 | 50 ohm 1.05:1 max. (32 dB min) | 7.2 dB +/-.15 dB | 50/93 ohm MLP |
| P* | 0-500; 0-1000 | 1.05:1 max (32 dB min ) | 50, 75, 93 ohms; .5-40 dB (Consult Factory) | |

Chassis Size: 7/8" x 1 1/8" x 1 1/2" (2.22 cm x 2.86 dm x 3.81 cm)

- GO TO IMPEDANCE CONVERTER PRICE LIST

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