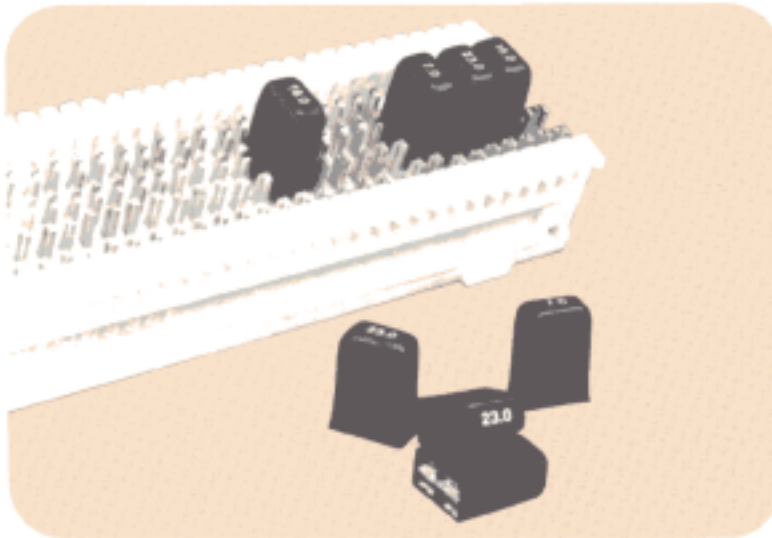




## 66 PAD™ ATTENUATORS

### FIXED LOSS PLUG ON



Patented

#### DESCRIPTION

Miniature plug-on balanced square pads install directly onto 66-type connecting blocks to provide a convenient method of establishing transmission loss objectives on data and voice pairs.

The 66Pad™ attenuators offer installation simplicity, space savings and require *no additional mounting assemblies* or hardware. The miniature pads plug directly onto the insulation displacement terminals of the connecting block normally occupied by the Tip and Ring bridging clips.

66Pad attenuators are available in a full range of attenuation values up to 40 dB in 1.0 dB increments.

#### FEATURES

- Mounts directly onto 66-type block terminals
- Miniature plug-on modules
- Fully encapsulated
- Rugged design
- $\pm 0.1$  dB tolerance
- Precision components
- Full selection of loss values
- High signal power per circuit
- Clear identification of loss value
- Balanced design

#### BENEFITS

- Eliminates need for separate attenuator mount
- Simple installation
- No tools required, installation or removal
- Reduces installation space
- High circuit density
- No wiring
- Installation labor minimized

#### APPLICATION

Establishing signal level objectives or transmission path design loss objectives for carrier, toll trunks, inter-office trunks, PBX trunks and local loops.

## SPECIFICATIONS

### ELECTRICAL

#### Insertion Loss

0 through 40 dB 0.2 dB increments

#### Attenuation Accuracy

±0.1 dB nominal

#### Port Impedance

600 ohm ±2% balanced  
(900 ohm available)

#### Longitudinal Balance

60 dB  
(IEEE method)

#### Amplitude Response

±0.25 dB  
(dc to 50 kHz)

#### Delay Distortion

Negligible  
(dc to 50 kHz)

#### Circuit Crosstalk

-90 dB

#### Maximum Signal Power

+24 dBm continuous

### MECHANICAL

See installation information

### ENVIRONMENTAL

#### Operating Temperature

0 °C to +70 °C

#### Storage Temperature

-20 °C to +85 °C

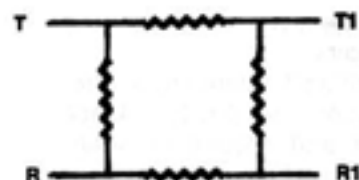
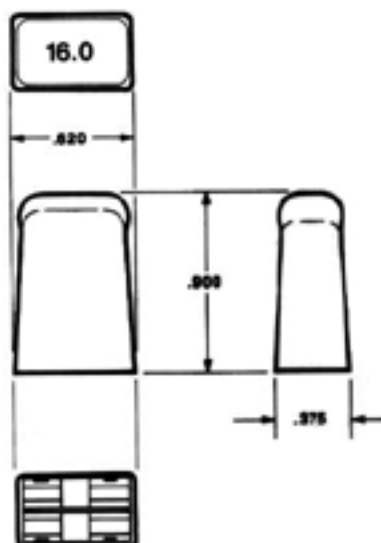
#### Relative Humidity

0 to 95% noncondensing

Features and specifications subject to change without notice.

### MECHANICAL

### CIRCUIT PICTORIAL



## ORDERING INFORMATION

Description	Part Number
XYZ Specifies dB Loss Value	966XYZ
X = Tens	
Y = Units	
Z = Tenths	
Example: 17.2 dB loss =	966172