

# SMA Fixed Coaxial Attenuators

## Miniature

2082 Series

V2.00

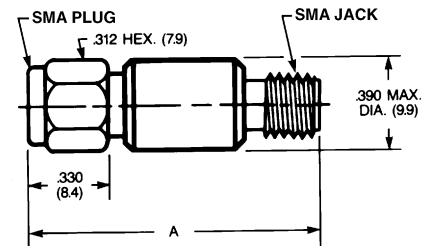
### Round Body

Any standard attenuator shown below is available with any combination of plug and jack connectors, as well as attenuation values as identified in part number table on previous page. Contact factory for part numbers and complete specifications.

### Low Cost

| Part Number<br>Plug-Jack | Frequency<br>(GHz) | Attenuation<br>(dB) | VSWR                                                          |
|--------------------------|--------------------|---------------------|---------------------------------------------------------------|
| 2082-6145-03             | dc- 18.0           | 3.0 $\pm$ 0.60      | dc to 4 GHz 1.20<br>4 to 12.4 GHz 1.40<br>12.4 to 18 GHz 1.60 |
| 2082-6146-06             |                    | 6.0 $\pm$ 0.75      |                                                               |
| 2082-6147-10             |                    | 10.0 $\pm$ 1.25     |                                                               |
| 2082-6148-20             |                    | 20.0 $\pm$ 1.50     |                                                               |
| 2082-6148-30             |                    | 30.0 $\pm$ 2.00     |                                                               |

| Part Number<br>Plug-Jack | Frequency<br>(GHz) | Attenuation<br>(dB) | VSWR                                   |
|--------------------------|--------------------|---------------------|----------------------------------------|
| 2082-6181-03             | dc - 12.4          | 3.0 $\pm$ 0.30      | dc to 4 GHz 1.15<br>4 to 12.4 GHz 1.25 |
| 2082-6182-06             |                    | 6.0 $\pm$ 0.30      |                                        |
| 2082-6183-10             |                    | 10.0 $\pm$ 0.50     |                                        |
| 2082-6184-20             |                    | 20.0 $\pm$ 0.50     |                                        |
| 2082-6185-30             |                    | 30.0 $\pm$ 0.75     |                                        |
| 2082-6186-40             |                    | 40.0 $\pm$ 1.00     |                                        |
| 2082-6171-03             | dc - 4.0           | 3.0 $\pm$ 0.30      | dc to 4 GHz 1.15                       |
| 2082-6172-06             |                    | 6.0 $\pm$ 0.30      |                                        |
| 2082-6173-10             |                    | 10.0 $\pm$ 0.5      |                                        |
| 2082-6174-20             |                    | 20.0 $\pm$ 0.50     |                                        |
| 2082-6175-30             |                    | 30.0 $\pm$ 0.75     |                                        |
| 2082-6176-40             |                    | 40.0 $\pm$ 1.00     |                                        |



| dB      | DIM. A        | WEIGHT            |
|---------|---------------|-------------------|
| 0 - 30  | 1.24 (31.5mm) | .30 oz. max. (8g) |
| 31 - 60 | 1.80 (45.7mm) | 40 oz. max.(11g)  |

**Power:**  
2 Watts Average  
500 Watts Peak  
See Derating Curve

**Finish:**  
Passivated Stainless Steel

