

50 OHM SMA MANUAL VARIABLE ATTENUATORS

| Model | Frequency Range | Attenuation Range / Steps | Attenuation Accuracy | VSWR Maximum | Insertion Loss |
|-------------|-----------------|---------------------------|----------------------|--------------|----------------|
| 751-001-110 | DC - 2.3 GHz | 0 - 110 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 1.0 dB |
| 751-002-030 | DC - 3 GHz | 0 - 30 dB in 1 dB steps | +/-0.5 dB | 1.70:1 | 1.0 dB |

50 OHM N MANUAL VARIABLE ATTENUATORS

| Model | Frequency Range | Attenuation Range / Steps | Attenuation Accuracy | VSWR Maximum | Insertion Loss |
|-------------|-----------------|---------------------------|----------------------|--------------|----------------|
| 752-001-110 | DC - 2.3 GHz | 0 - 110 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 1.0 dB |
| 752-002-030 | DC - 3.0 GHz | 0 - 30 dB in 1 dB steps | +/-0.5 dB | 1.70:1 | 1.0 dB |

50 OHM SMA PROGRAMMABLE ATTENUATORS

| Model | Frequency Range | Attenuation Range / Steps | Attenuation Accuracy | VSWR Maximum | Insertion Loss |
|-------------|-----------------|---------------------------|----------------------|--------------|-------------------|
| 651-030-006 | DC - 1 GHz | 0 - 6 dB (single step) | +/-0.4 dB | 1.30:1 | 0.6 dB at 1 GHz |
| 651-023-031 | DC - 1 GHz | 0 - 31 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 2.5 dB at 1 GHz |
| 651-023-063 | DC - 1 GHz | 0 - 63 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 3.0 dB at 1 GHz |
| 651-023-095 | DC - 1 GHz | 0 - 95 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 3.5 dB at 1 GHz |
| 651-023-127 | DC - 1 GHz | 0 - 127 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 4.0 dB at 1 GHz |
| 651-018-031 | 0.02 - 0.5 GHz | 0 - 31 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 2.5 dB at 0.5 GHz |
| 651-018-063 | 0.02 - 0.5 GHz | 0 - 63 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 3.0 dB at 0.5 GHz |
| 651-025-031 | 0.5 - 2.5 GHz | 0 - 31 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 4.0 dB at 2.5 GHz |
| 651-025-063 | 0.5 - 2.5 GHz | 0 - 63 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 5.0 dB at 2.5 GHz |
| 651-017-031 | 0.8 - 2.2 GHz | 0 - 31 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 3.0 dB at 2.2 GHz |
| 651-017-063 | 0.8 - 2.2 GHz | 0 - 63 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 3.5 dB at 2.2 GHz |
| 651-026-063 | DC - 1.0 GHz | 0 - 63 dB in 1 dB steps | +/-0.4 dB | 1.30:1 | 2.0 dB at 1.0 GHz |
| 651-031-031 | DC - 2.2 GHz | 0 - 31 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 3.0 dB at 2.2 GHz |
| 651-031-063 | DC - 2.2 GHz | 0 - 63 dB in 1 dB steps | +/-0.5 dB | 1.40:1 | 3.5 dB at 2.2 GHz |

75 OHM BNC PROGRAMMABLE ATTENUATORS

| Model | Frequency Range | Attenuation Range / Steps | Attenuation Accuracy | VSWR Maximum | Insertion Loss |
|-------------|-----------------|---------------------------|----------------------|--------------|-------------------|
| 674-023-031 | DC - 1.0 GHz | 0 - 31 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 1.5 dB at 1.0 GHz |
| 674-023-063 | DC - 1.0 GHz | 0 - 63 dB in 1 dB steps | +/-0.5 dB | 1.50:1 | 2.0 dB at 1.0 GHz |
| 674-023-127 | DC - 1.0 GHz | 0 - 127 dB in 1 dB steps | +/-0.5 dB | 1:50:1 | 3.0 dB at 1.0 GHz |

Complete specifications and outline drawings are available on our web site or consult the factory.



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