

FEATURES

- Small Size
- High Accuracy
- High Stability

APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



Electrical Specifications

| | |
|-----------------------|---|
| Frequency Range | DC~100MHz |
| Impedance | 50Ω or 75Ω nominal |
| Attenuation Range | 0~40dB in 1dB steps |
| Attenuation Steps(dB) | 1, 2, 4, 8, 10, 16 |
| VSWR | 1.3 max |
| Accuracy | ±0.3dB max@single step, ±0.4dB@16dB |
| Insertion Loss | 0.75dB max |
| Average Power | 30W |
| Operating Voltage | +12V (TTL Controlled with drive circuit) |
| Operating Current | 100mA max |
| Temperature Range | -40°C~+70°C |
| RoHS Status | RoHS Compliant |

Mechanical Specifications

| | |
|----------------|------------------------------|
| RF Connector | SMA, N, BNC |
| Connector Body | Gold Plated Brass |
| Female Pin | Gold Plated Beryllium Cooper |
| Housing | Aluminum, Anodic Oxidation |
| Size | 140×50×19mm |
| Weight | 180g |

Ordering Information

| 30W | PA | 100M | - | 6 | - | 40 | - | 50 | S | T |
|-----|----|------|---|---|---|----|---|----|---|-------------------------|
| | | | | | | | | | | Control |
| | | | | | | | | | | T: TTL |
| | | | | | | | | | | RF Connector |
| | | | | | | | | | | S: SMA |
| | | | | | | | | | | N: Type N |
| | | | | | | | | | | B: BNC |
| | | | | | | | | | | Impedance |
| | | | | | | | | | | 50: 50Ω |
| | | | | | | | | | | 75: 75Ω |
| | | | | | | | | | | Total dB Value |
| | | | | | | | | | | Cells No. |
| | | | | | | | | | | Maximum Frequency(MHz) |
| | | | | | | | | | | Programmable Attenuator |
| | | | | | | | | | | Average Power(W) |

◇ Test Data is available at an additional cost ◇