

PROVEN

## Quality, Dependability and Reliability

AvtechTye's 1826 series DC-DC Lamp Dimmer is a 75 Watt, Pulse Width Modulated DC-DC power supply which provides variable, 0 to 5 VDC, 15A maximum power to flight deck based upon the setting of a 10 kohm potentiometer situated on the flight instrument panel.



### DC-DC LAMP DIMMER

Housed in an aluminum enclosure the 1826 series can be easily mounted to the aircraft with two pan-head screws through open-end slots cut into the base plate flanges on opposite sides of the unit. Electrical connection is made through a single connector.

- Input Voltage: 20.5 to 32.2 Vdc (reverse-polarity protected)
- Input Current: 3.5 Amps (nominal at maximum output)
- Output Voltage: 0 to 5.5 Vdc, 15 Amps (maximum)
- Output Control: Single turn 10kohm potentiometer, 1/2 Watt
- Current Limit: Fold back > 16.75 Amps
- Efficiency: >70%

AvtechTye Corporation

6500 Merrill Creek Parkway

Everett, Washington 98203

[www.AvtechTye.com](http://www.AvtechTye.com)

Tel: (425) 290-3100

Fax: (425) 513-6474



