

Output Considerations

Output Pin Voltage Drops

Full featured converters may be regulated at the inside of the output pins, or may be regulated by remote sense in the case of 30, 40 and 80 watt single output low voltage converters.

The output pins are .040" in diameter and have an approximate total length, internal and external, of 0.35". For converters under 80 watts, the pins are made of alloy 52, and have a typical resistance of 1.5 milliohms each. The 80 watt converters use copper cored alloy 52 pins and have a resistance of approximately 0.5 milliohms each.

It can be seen that the drops in the output pins will not be significant except in the case of low voltage/high current outputs.