



How to change the resistance of base station power supply

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A crucial aspect of the evolution to 5G is solving difficult base-station hardware challenges. Existing towers must provide higher performance in order to carry many more channels at higher data rates.

X/R ratio is the ratio of inductance to resistance of the power grid up to the point of fault. Near to large generating stations and large substations, this ratio will be high. At the tail end of long ...

The dilemma facing the designer is the conflict between minimizing heat generation and power loss ($P=I^2R$) by choosing a low resistance, versus a higher resistance that results in a larger ...

This article focuses on the three parts of switching power supply: "types and usage scenarios, configuration principles and algorithms, and daily management and maintenance".

Once the circuit is activated C801/C805 will be locked into the resonating circuit and will remain in this condition until the input voltage to the supply is turned off and then on again.

This article will focus on how to use resistors to adjust the power supply output and protect the power supply from failure.

If you want to try to retrofit such a power supply, follow the repair instructions on the ABS repair page to open the base station. Then proceed as described above.

The operation and servicing of the power supply are completely accessible from the front. The ON/OFF switch and all fuses are located on the front panel. The low profile slot type fuse holders contain the ...

A 30 amp power supply will handle two 50 watt radios transmitting at the same time as long as you are running low or medium power on both radios. Trying to transmit on high power with ...

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Here is a simple method to test the internal resistance of a power supply. Connect the wires according to the diagram, do not connect the load first, and measure the no-load voltage U_0 at ...

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