

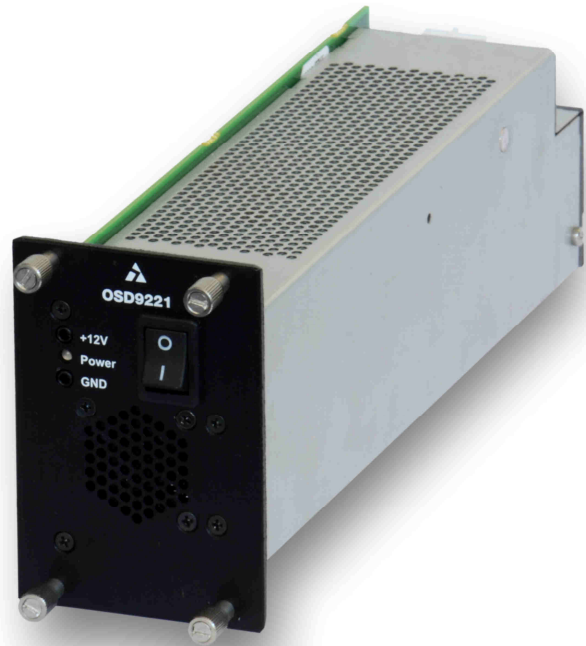
**OSD9221 SINGLE VOLTAGE POWER SUPPLY**

**APPLICATIONS**

- ▲ Power supply for OSD3700 2RU card chassis

**FEATURES AND BENEFITS**

- ▲ Compact 2RU high card unit
- ▲ Self contained with mains power inlet module, fuse, filter and On/Off switch built into the unit
- ▲ OSD9221 power supply can support most combinations of OSD's 2RU cards
- ▲ Built-in cooling fan
- ▲ Temperature alarm indicator
- ▲ Front panel +12V monitoring points



**DESCRIPTION**

The OSD9221 is a 2RU high (88mm) power supply unit designed to plug into the OSD3700 2RU high chassis.

The OSD9221 provides power to the OSD3700 chassis backplane on which are mounted eighteen 4-pin female connectors through which +12V regulated DC voltage is fed to plug-in cards.

One OSD9221 is capable of providing power for most combinations of plug-in cards. Check the current rating at 12VDC of all cards to be used within the chassis to confirm that the rating is not exceeded. Individual product datasheets provide the Chassis Current Consumption (CCC) for each plugin card: the total of these in the chassis must be less than the rating of the OSD9221 Power Supply Unit, ie 6 Amps total.

The OSD9221 supply has a built-in cooling fan which operates only when high internal temperatures are experienced whilst under heavy load and/or high ambient temperatures. There is a Temperature Alarm LED on the front panel of the OSD9221 that is green during normal operation changing to red when the internal operating temperature exceeds the normal operating limits of the supply.

**SPECIFICATIONS**

Input	90 - 264VAC 47-63Hz via a fused and filtered IEC socket
Mains fuse rating	1 Amp slow blow
Mains power switch	Front panel mounted rocker switch
Bicolour front panel indicator	+12V OK (Green) Temperature alarm (Red)
Front panel test points	Positive voltage terminal Ground terminal
Output regulation and ripple	+12V ± 0.3V from no load to 6 Amps with less than 50mVpp ripple at full load
Operating temperature	-20 to 75°C
Relative humidity	0-95% non-condensing
Dimensions of Card (mm)	50W x 216D x 70H
Weight of Card	600g

Doc ID: 102922102

