# OPTICAL SYSTEMS DESIGN

# OSD911 DUAL VOLTAGE POWER SUPPLY (MAINTENANCE ONLY FOR OSD350 AND OSD370 CHASSIS)

## APPLICATIONS

▲    Power supply for OSD370/350 card chassis

▲    Legacy support for cards requiring dual voltage rails

## FEATURES AND BENEFITS

▲    Compact 3RU high, card unit

▲    OSD911 power supply can support any combination of OSD cards



## DESCRIPTION

The OSD911 is a 3RU high (133mm) power supply unit designed to fit into the OSD standard card chassis such as the OSD370 (single supply version) and OSD350 (dual supply version).

The OSD911 provides power to the OSD370/350 chassis back plane on which are mounted fourteen/twelve 9-pin female D connectors through which +12V and –12V unregulated DC voltage is fed to plug-in cards.

The OSD911 power supply unit is normally used as a power source.  One OSD911 is capable of providing power for any combination of plug-in cards.

It supports legacy cards which require a –12VDC voltage.

**NOTE: DO NOT use this unit with OSD350N and OSD370N chassis**

## SPECIFICATIONS

The OSD911 has the following brief specification.

| | |
|---|---|
| Input | 200 –270VAC or 100 –135VAC |
| Output | +12V to +15V at 2 Amps<br>- 12V to –15V at 1 Amp |
| Indicator | Power on LED |
| Test Points | Positive voltage terminal on front panel<br>Negative voltage terminal on front panel<br>Ground voltage terminal on front panel |
| Output Regulation | Outputs are not regulated |
| Output Ripple | Typical peak to peak ripple at full load is 2V on each rail. |

Doc ID: 10291103

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