



Engineered Fiber Communication Solutions

Analog Video

- **OSD8810** Micro digital video transmission module with optional stereo audio
- **OSD8815** Multimode or singlemode 10-bit digital video transmission modules with optional stereo audio
- **OSD8836** 1-fiber multimode or singlemode 9-bit digital video + 3 duplex data modules with optional 2-channel duplex audio
- **OSD8600S/4V** Digital 4-Channel Video/Data/Ethernet multiplexer
- **OSD860S** Digital Video/Data/Audio multiplexer. Available with 8 or 16 Video channels and customised Audio/Data combinations



Serial Data

- **OSD136** Full duplex Synchronous/Asynchronous RS232 transceiver
- **OSD138** Universal RS232/RS422/RS485 transceiver
- **OSD139** RS232 Asynchronous transceiver
- **OSD157/RS232** 8-Channel Synchronous/Asynchronous RS232 transceiver
- **OSD157/RS422** 6-Channel Synchronous/Asynchronous RS422 transceiver
- **OSD1250** Redundant ring universal RS232/RS422/RS485 transceiver



Alarm

- **OSD158** 8-Channel alarm transmission system
- **OSD159** 8-Channel duplex alarm transmission system



Audio

- **OSD730** Digital full duplex 4-Channel audio/data multiplexer
- **OSD732S** 1-4 Channel Telephone multiplexer
- Audio options are also available on **OSD8810**, **OSD8815**, **OSD8836** & **OSD860S** Analog Video products above



3G & 12G SDI

- **OSD8230** 1-channel 3G/12G SDI miniature transmission system
- **OSD8234** 4-channel 3G/12G SDI transmission system. Can be configured for use over 1 or 4 fibers. Ethernet and duplex data options.



RF over Fiber (10MHz to 2.5GHz)

- **OSD9003** Wideband RF transmitter module with manual gain control
- **OSD9004** Wideband RF receiver module with automatic or manual gain control
- **OSD9005** Wideband RF transceiver module with automatic or manual gain control. Single and dual fiber options



SSI Railway Signalling

- **OSD1240** SSI Railway Signalling System transceiver



Accessories

- **OSD350B** 3RU high standard OSD chassis for 12 cards + 2 power supplies
- **OSD921** 3RU high 240VAC to 12VDC power supply card for the OSD350B
- **SFP & Video SFP**
- **DIN Rail bracket** mount any OSD products onto a DIN Rail
- **Patch Cords** customised to any length with any connector pairing



Optical Systems Design Pty Ltd is an Australian company that designs and manufactures cost effective communication systems solutions based on optical fiber technology.

For over 35 years, OSD has provided unmatched fiber optic experience and expertise. Research, development and design work is meticulously executed to the highest standards and OSD is extremely flexible in meeting client requirements who have access to experienced personnel to assist from initial planning right through to implementation. OSD also provides in house or on site testing and training along with lifetime support and repair in addition to the 5 year product warranty period.

OSD products are used throughout the world in environments ranging from offices to remote mine sites, large campuses and in-house video studios. OSD has many thousands of systems operating reliably day in day out in extreme environments, some for well over a decade. Contact OSD today to find out how we can assist with your communication requirements.



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