

VOS-2FOM-D422T/R

Fiber Optic Serial Data Transmission 2-Channel Duplex Rs422 Serial Data over Fiber

System Design





Data

VOS-2FOM-D422T/R provides for the digital transmission of 2-Channel duplex Rs422 serial data signal over one fiber. Applications for PTZ Control for CCTV Surveillance Systems, Access Control System, Industirlia control, Data Control for Manufacturing / Assembly Platforms, ITS...etc.

Stand-alone or rack-mount. All units of VOS-2FOM-D422T/R come in an insert card version. The cards can be inserted into our our 14-slot, 19inch 4U or 6U rack-mountable card cage (VOS-CH04 or VOS-CH06).

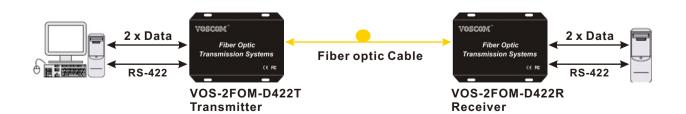


Single-Mode or Multi-Mode, VOS-2FOM-D422T/R can support FC /PC or ST/PC Optical connector, can be used in Daisy-Chain system (Need to customize). The Transmission distance range according to the Optical Budget. Manufacturer's standard is: Single-mode 20km or Multi-mode 2km.

Features

- Support Point-to-Point or Daisy-Chain connection
- Rs232 Serial data over one fiber
- Multi-mode Fiber Support for Distances up to 2.0 km
- Single-Mode Fiber Support for Distances up to 100 km
- LED Status Provide Rapid Indication of Operating Parameters
- No EMI or RFI and no ground loops
- Stand alone or rack-mount
- Produce according to customer's specifications, providing OEM

Typical Configuration



Ordering Information

Model Number		Fiber Mode	Wavelengths	Optical Power	Maximum Transmission
Transmitter	Receiver	Fiber Mode	wavelengths	Budget	Distance
VOS-2FOM-D422MT	VOS-2FOM-D422MR	Multi-Mode	1310nm/1550nm	16dB	2km
VOS-2FOM-D422ST	VOS-2FOM-D422SR	Single-Mode	1310nm/1550nm	12dB	20km
VOS-2FOM-D422ST-4	VOS-2FOM-D422SR-4	Single-Mode	1310nm/1550nm	18dB	40km
VOS-2FOM-D422ST-6	VOS-2FOM-D422SR-6	Single-Mode	1310nm/1550nm	25dB	60km

Note:

Specification

• The Optical Power Budget data fit Mulit-mode(62.5/125 µm), Single-Mode(9/125 µM.).

- \bullet When using 50/125 $\mu M.$ multimode fiber, subtract 3 dB from the optical power budget.
- Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels.
- Maximum transmission distance is also limited by fiber bandwidth.
- Power adapter is manufactured by third party and is supplied with fitted screw-terminal output cables.Power adapter included (for standalone) US, European, UK or Australian power plug.
- Please feel free to consult factory for any special requirement and customization

• Connectors			
Optical: Stand-Alone Power:	Terminal Block FC/PC or ST/PC Optional Screw terminal block AC line cord		
Electrical & Mechanical			
Power Consumption: Stand-Alone Dimensions:	AC 100V~240V < 3W		
Environmental			
Storage Temperature: Relative Humidity:	-45°C~+85°C 0%~95% (non-condensing)		
I	Serial Data: Optical: Stand-Alone Power: Rack Power: Rack Power: Power Requirements: Power Adapter: Power Consumption: Stand-Alone Dimensions: Shipping Weight: Bnvironmental Operating Temperature: Storage Temperature:		

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