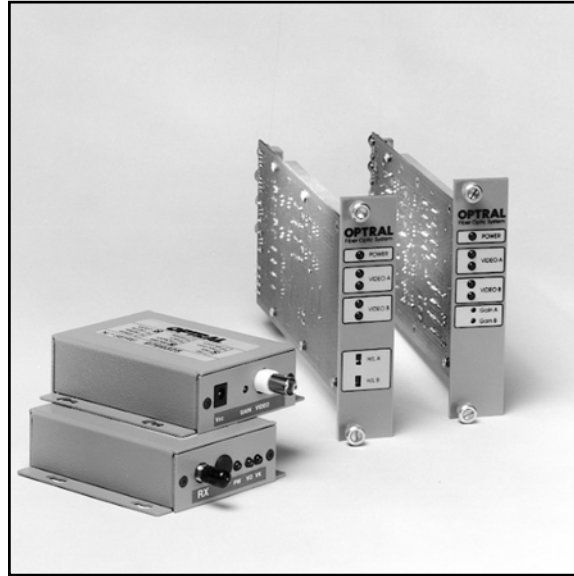


VM2 - VIDEO + AUDIO



The OPTRAL Series VM2 allows the transmission of one standard video signal and one audio channel (balanced or unbalanced) over multimode optical fibre. One transmitter and one receiver using one single fibre form the basic system.

All the models comply with the requirements according to the Electromagnetic Compatibility and Low Tension (CE Marking).

FEATURES

- Multimode Optical Fibre
- Wavelength 850 nm and 1300 nm
- Modular Units and Rack Cards
- Configurable for short and long distances
- Optical connectors: ST ⁽¹⁾
- ⁽¹⁾ For other optical connectors, consult us

POWER/TEMPERATURE/SIZE

- Temperature = 0° ÷ +50°C
- Humidity = 10% ÷ 90%
- 12 Vdc / 250mA
- Modular Units
 - Type S = 105 x 95 x 32 mm
- Rack Cards = 1 Slot Rack

VIDEO SIGNAL

- I/O Impedance = 75 Ω
- Bandwidth = 10 MHz
- Differential Gain < 2%
- Differential Phase < 2°
- I/O Video connector = BNC

AUDIO SIGNAL

- Signal Balanced / Unbalanced
- I/O Level = 1 Vpp
- I/O Impedance = 600 Ω
- Bandwidth = 120 Hz ÷ 15 KHz
- I/O connector = Screw Terminal 3p.

ACCESORIES (NOT INCLUDED)

- Modular Units (Power Supplies)
 - Type S = Model PS150
- Rack Cards
 - Card Cage 3U (Rack 19") = PR100

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VM2 – VIDEO + AUDIO

AVAILABLE MODELS

PART NUMBER	DESCRIPTION	FORMAT	NUMBER FIBRES	MAXIMUM ATTENUATION (2)	WAVELENGTH
VM201-TB1	1 Tx Video + Tx Audio Modular	Type S	1	14 dB	850 nm
VM201-TR1	1 Tx Video + Tx Audio Rack	Rack			
VM201-RB1	1 Rx Video + Rx Audio Modular	Type S			
VM201-RR1	1 Rx Video + Rx Audio Rack	Rack			
VM201-TB2	1 Tx Video + Tx Audio Modular	Type S	1	14 dB	1300 nm
VM201-TR2	1 Tx Video + Tx Audio Rack	Rack			
VM201-RB2	1 Rx Video + Rx Audio Modular	Type S			
VM201-RR2	1 Rx Video + Rx Audio Rack	Rack			

⁽²⁾ Maximum attenuation at 62.5/125. For 50/125 reduce optical budget by 3dB.

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