

VS1 - VIDEO



The OPTRAL Series VS1 allows the transmission of one standard video signal over multimode optical fibre. One transmitter and one receiver using one single fibre form the basic system. The receivers have built-in automatic gain control (AGC) and need no adjustments during the installation. All the models comply with the requirements according to the Electromagnetic Compatibility and Low Tension Standards (CE Marking).

FEATURES

- Singlemode optical fibre
- Wavelength 1310nm and 1550 nm
- Modular Units and Rack Cards
- Configurable for short and long distances
- Optical connectors: FC ⁽¹⁾

⁽¹⁾ For other optical connectors, consult us.

POWER/TEMPERATURE/SIZE

- Temperature = 0° ÷ +50°C
- Humidity = 10% ÷ 90%
- 12 Vdc / 200 mA
- 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

ACCESORIES (NOT INCLUDED)

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

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AVAILABLE MODELS

PART NUMBER	DESCRIPTION	FORMAT	NUMBER FIBRES	MAXIMUM ATTENUATION	WAVELENGTH
VS101-TB3	1 Tx Video Modular	Type S	1	12 dB	1310 nm
VS101-TR3	2 Tx Video Rack	Rack	2 ^(*)		
VS101-RB3	1 Rx Video Modular	Type S	1		
VS101-RR3	2 Rx Video Rack	Rack	2 ^(*)		
VS101-TB4	1 Tx Video Modular	Type S	1	12 dB	1550 nm
VS101-TR4	2 Tx Video Rack	Rack	2 ^(*)		
VS101-RB4	1 Rx Video Modular	Type S	1		
VS101-RR4	2 Rx Video Rack	Rack	2 ^(*)		

Type S = 105 x 95 x 32 mm

^(*) Please consult us for receivers with 1 fibre, standard version with 2 fibres

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