

Product information

OEV 052-E BFOC-1300

Fiber Interfaces:Archive - Fiber Interfaces:Video:Composite Video Transmitters/Receivers:OEV 052-E BFOC-1300

<http://www.e-catalog.beldensolutions.com/link/57078-57141-57328-24579-24580-37906/en/conf/ui/state>

Name	OEV 052-E BFOC-1300
	
Composite video receiver 7 MHz; can be combined with the transmitter OSVC 01 BFOC-1300	
Delivery informations	
Availability	no longer available
Product description	
Description	Composite video receiver 7 MHz; can be combined with the transmitter OSVC 01 BFOC-1300
Port type and quantity	1 x optical: BFOC 2.5 (STR) socket 1 x electrical: BNC socket
Type	OEV 052-E BFOC-1300
Order No.	933 994-021
Electrical interface	
Signal type	composite
Output voltage	1 Vpp at 75 Ohm
Output resistance	75 Ohm
Pulse tilt (horiz. and vert.)	typ. 2%
Differential phase	typ. 2.5°
Upper limiting frequency (-3 dB)	7 MHz
Optical interface	
Wavelength	1300 nm
Optical input power	>= 0.8 µWpp, -31 dBm with S/N > 45 dBw
Laser protection class	1 according to DIN EN 60825
More interfaces	
Power supply	plug connector according to DIN EN 60603-2; pin 1: ground, pin 32: +VS
Network size - length of cable	
Single mode fiber (SM) 9/125 µm	10000 m 7 dB link budget, A = 0.5 dB/km, 2 dB reserve with OSVC 01 BFOC-1300 (26000 m/15 dB at +25 °C)
Power requirements	
Operating voltage	17.6 ... 24 V
Current consumption	120 mA
Power consumption	2.9 W
Ambient conditions	
Operating temperature	-20 °C to +50 °C
Storage/transport temperature	-20 °C to +80 °C
Relative humidity (non-condensing)	10% to 90%
Mechanical construction	
Mounting	19" plug-in card
Dimensions (W x H x D)	30 (6 PU) x 128.5 (3 HU) x 185 mm
Weight	450 g
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	contact discharge: 4 kV, air discharge: 8 kV
EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)	power line: 2 kV, data line: 1 kV
EN 61000-4-5 surge voltage	power line: 1 kV (line/line)
EMC emitted immunity	
EN 55022	EN 55022 limit class B
Scope of delivery and accessories	
Scope of delivery	plug-in receiver card, operating instructions
Accessories to order separately	19" subrack ART 84

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Notes

Picture signal	To ensure correct operation, the controller requires a degree of whiteness of 0.5% in the picture signal.
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