




Product information OSAH 200

Fiber Interfaces:Assimilable LWL components:Hybrid components for audio transmission:OSAH 200

<http://e-catalog.hirschmann.com/link/57078-57141-57136-57137-38335/en/conf/uisstate>

Name	OSAH 200
	
	optical audio transmitter hybrid;PCB mounting
Delivery informations	
Availability	available
Product description	
Description	optical audio transmitter hybrid; PCB mounting
Port type and quantity	1 electrical port: 1 pin
Type	OSAH 200
Order No.	943 043-001
Electrical interface	
Input voltage	0 dBm = 0.775 Veff
Input resistance	>10 kOhm
Output voltage	-
Admissible load resistance at the output	-
Linear distortion (30 Hz to 20 kHz)	<=0.5 dB at 0 °C to +50 °C / <=0.8 dB at -40 °C to +80 °C
Distorsion factor (at 0 dBm/1kHz)	<=0.1% at 0 °C to +50 °C / <=0.15% at -40 °C to +80 °C
Unweighted signal-to-noise-ratio (relative 0 dBm)	>73 dB at 0 °C to +50 °C / >68 dB at -40 °C to +80 °C
Bandwidth (-3 dB)	10 Hz to 30 kHz at 0 °C to +50 °C / 15 Hz to 30 kHz at -40 °C to +80 °C
Optical interface	
Wavelength	660 nm with OVKD 01-B (LED 013) (accessories)
Launchable optical power in multi-mode fiber (MM) POF 980/1000	>500 µWpp, -3 dBm at 0 °C to +50 °C with OVKD 01-B (LED 013) (accessories)
Optical input power	-
Network size - length of cable	
Multimode fiber POF (MM) 980/1000 µm	88 m 24 dB link budget, A = 0.25 dB/m, 2 dB system reserve with OVKD 01-B (LED 013) (accessories) and OEAH 200 with OVKD 01-B (SFH 203 P) (accessories)
Power requirements	
Operating voltage	+12 VDC +-10%
Current consumption	55 mA
Power consumption	0.7 W
Ambient conditions	
Operating temperature	-40 °C to +80 °C
Storage/transport temperature	-40 °C to +80 °C
Relative humidity (non-condensing)	10% to 90%
Mechanical construction	
Dimensions (W x H x D)	see "Drawing"
Mounting	on PCB
Weight	15 g
Protection class	IP 65
Pin assignment	see "Drawing" pin 1: input; pin 2, 4-8, 10-12: GND; pin 3: gain setting; pin 9: LED pin 13-20: VCC; pin 21-24: N.C.

Fiber Interfaces:Assimilable LWL components:Hybrid components for audio transmission:OSAH 200

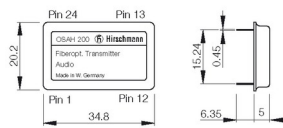
<http://e-catalog.hirschmann.com/link/57078-57141-57136-57137-38335/en/conf/uistate>

Scope of delivery and accessories

Scope of delivery	1 hybrid, 1 operating instructions
Accessories to order separately	optical converter OVKD 01-B (LED 013), order no. 936 215-009 scope of delivery: 1 converter housing with integrated and adjusted transmitter element, type OVK for platic fiber On request, we will be pleased to supply a data sheet indicating the dimensions and terminal assignment of the converter housing.

Picture

Drawing



For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.