



**Product information**

**OEAH 200**

**934 044-001**

Name	
Name	OEAH 200
	
	optical audio receiver hybrid;PCB mounting
Delivery informations	
Availability	available
Product description	
Description	optical audio receiver hybrid; PCB mounting
Port type and quantity	1 electrical port: 1 pin
Type	OEAH 200
Order No.	943 044-001
Electrical interface	
Input voltage	-
Input resistance	-
Output voltage	0 dBm = 0.775 Veff (no load)
Admissible load resistance at the output	>=600 Ohm
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	-
Launchable optical power in multi-mode fiber (MM) POF 980/1000	-
Optical input power	>2.0 µWpp, -27 dBm at 0 °C to +50 °C with OVKD 01-B (SFH 203 P) (accessories)
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 OSAH 200 with OVKD 01-B (LED 013) (accessories) and OVKD 01-B (SFH 203 P) (accessories)
Power requirements	
Operating voltage	+12 VDC +-10%
Current consumption	35 mA
Power consumption	0.4 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: pin diode; pin 2-10: GND; pin 11: output pin 12: gain setting; pin 13-24: VCC
Scope of delivery and accessories	
Scope of delivery	1 hybrid, 1 operating instructions

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.

**Accessories to order separately**

optical converter OVKD 01-B (SFH 203 P), order no. 936 215-037  
 scope of delivery: 1 converter housing with integrated and adjusted receiver 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**

