




Product information

OEAH 200

934 044-001

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

