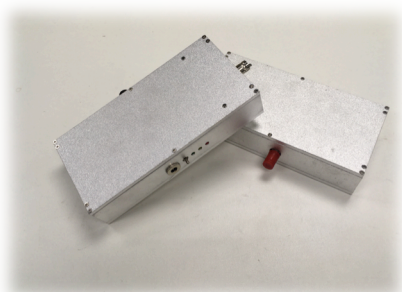


OPT-HBS1M-A1

Specification



- ⌘ **Newest 1MHz Analog Signal optic transceiver!**
- ⌘ **Radiation susceptibility up to CW 300V/m!**
- ⌘ **Radiation susceptibility up to Radar Wave 600V/m!**
- ⌘ **Up to 3 Years Warranty!**

Transmitter

Input:	±8VDC / <4mV / 72.5k ohms
Voltage / Resolution / Impedance	±16VDC / <8mV / 145k ohms ±48VDC / <24mV / 435k ohms
Over Voltage:	±100V (Continuous) ±350V (Pulse)
Built-in battery:	Li-Polymer battery (> 24 hours from fully charging depends on signal parameter)
Channel:	1 Channel
Weight:	500g

Receiver

Output:	±16V
Output Impedance / Amp:	100 ohms / 16mA max.
Control:	Gain / Offset
Indicator Status:	Red (disconnect) / Green (connect)
SNR:	>60dB
Noise:	Better than 10mV RMS
Built-in battery:	Li-Polymer battery (> 24 hours from fully charging depends on different load status)
Channel:	1 Channel
Weight:	500g

General

Bandwidth:	DC-1MHz (-3dB@10V _{pp} Sine)
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Fiber:	Single Core, ST, multi mode 62.5/125μm
Signal Connector:	BNC
Signal Flatness:	±1dB @DC to 500kHz with 10V _{pp} Sine
Signal Delay	1.8 μs
T _{rise/fall}	300ns between 20% to 80%
V _{offset drift}	0.5% full-scale
Battery Charger:	AC 100-240V, 50Hz / DC: 12V
Temperature:	-40 to 194 degree Fahrenheit (-40 to 90°C)
Warranty:	Transmitter / Receiver: 36 months Accessories: 12 months (Accessories mean optic fiber, instrument container)
Transmitter/ Receiver Dimension:	160mm (L)* 80 mm (W)* 30 mm (H)
Origin:	P.R. China

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