



Link do produktu: <https://blackfrog.pl/podkladka-precyzyjna-do-rolek-openbuilds-1x52x8-p-1499.html>

Podkładka precyzyjna do rolek openbuilds 1x5.2x8



Cena brutto	0,50 zł
Cena netto	0,41 zł
Dostępność	Dostępny
Czas wysyłki	48 godzin
Numer katalogowy	SHIM1528
Kod EAN	7635523520000
Producent	Opt Lasers

Opis produktu

Laser Head

Basic specifications

	PLH3D-2W	PLH3D-6W-Hobby	PLH3D-6W-XF	PLH3D-6W-uSpot
				
Laser Diode Optical Power	2 W	6 W	6 W	6 W
Dimensions of Laser Head (L x W x H)	30 x 30 x 69 mm (1.2 x 1.2 x 2.7 in.)	40 x 55 x 69 mm (1.6 x 1.7 x 2.7 in.)	40 x 55 x 78 mm (1.6 x 1.7 x 3.1 in.)	40 x 55 x 105 mm (1.6 x 1.7 x 5.9 in.)
Weight of Laser Head, Typ.	70 g (2.5 oz.)	190 g (6.7 oz.)	210 g (7.4 oz.)	220g (7.76 oz.)
Flow Rate of Fan	8 m3/h (10 CFM)	15 m3/h (8.8 CFM)	43 m3/h (25 CFM)	43 m3/h (25 CFM)
Noise	23 dBA	25 dBA	58 dBA	58 dBA
Mounting Hole Pattern	2 holes, 20 mm (0.78 in.)	4 holes, 24 x 15 mm (0.94 x 0.59 in.)	4 holes, 24 x 15 mm (0.94 x 0.59 in.)	4 holes, 24 x 15 mm (0.94 x 0.59 in.)
Mounting Hole Type	M3 x 0.5 x 4.5 mm	M3 x 0.5 x 4.5 mm	M3 x 0.5 x 4.5 mm	M3 x 0.5 x 4.5 mm
Max Ambient Temperature	40°C (104°F)	40°C (104°F)	45°C (113°F)	45°C (113°F)
Inputs	Analog, PWM, TTL 0-5 V	Analog, PWM, TTL 0-5 V	Analog 0-5 V, TTL, PWM	Analog 0-5 V, TTL, PWM



Electrical specifications

	PLH3D-2W	PLH3D-6W-Hobby	PLH3D-6W-XF	PLH3D-6W-uSpot
Modulation Input 1	Analog/TTL/PWM, 0 – 5 V	Analog/TTL/PWM, 0 – 5 V	Analog/TTL/PWM, 0 – 5 V	Analog/TTL/PWM, 0 – 5 V
Modulation Input 2 ¹	–	TTL/PWM 0 – 24 V	TTL/PWM 0 – 24 V	TTL/PWM 0 – 24 V
Recommended PWM Base Frequency	5 – 10 kHz	5 – 10 kHz	5 – 10 kHz	5 – 10 kHz
Max. Modulation Bandwidth	30 kHz	30 kHz	30 kHz	30 kHz
Input Impedance of 1 and 2	>100 Ω	>1 k-Ω	>1 k-Ω	>1 k-Ω
Power Supply Unit Voltage	12 - 24 V	12 – 24 V	12 – 24 V	12 – 24 V
12 V PSU Min. Current	1.3 A	2.1 A	2.5 A	2.5 A
24 V PSU Min. Current	–	1.1 A	1.25 A	1.25 A
Cable Length, Typ.	–	14 cm (5.5 in.)	–	–
Wire Area, Gauge	–	0.34 mm ² (22 AWG)	–	–
Max. Power Consumption	16 W	25 W	30 W	30 W

¹ "Laser Off" state is 0 V. "Laser On" state is 2 – 24 V.

Optical specifications

	2W-Series ¹	6W-Series ¹		
	High-Resolution Lens ²	High-Resolution Lens ²	High-Efficiency Lens ³	uSpot Lens
Recommended Working Distance ⁴	30 - 120 mm / 1.18 - 4.72"	30 - 120 mm / 1.18 - 4.72"	25 - 80 mm / 0.98 - 3.14"	60 mm / 2.3622"
Beam Spot Width	0.07 mm / 0.003"	0.1 mm / 0.004"	0.1 mm / 0.004"	0.05 mm / 0.002"
Beam Spot Height	0.1 – 0.2 mm / 0.004 - 0.008"	0.1 – 0.5 mm / 0.004 - 0.019"	0.2 – 0.6 mm / 0.008 - 0.023"	0.15 mm / 0.006"
Example Focused Beam Spot Size, d = 60 mm (2.36")	0.07 x 0.15 mm (0.004" x 0.012")	0.1 x 0.25 mm (0.004" x 0.01")	0.1 x 0.50 mm (0.004" x 0.02")	0.05 x 0.15 mm (0.002" x 0.006")
Example Focused Beam Spot Size, d = 30 mm (1.18")	0.07 x 0.1 mm (0.004" x 0.008")	0.05 x 0.1 mm (0.002" x 0.004")	0.1 x 0.2 mm (0.004" x 0.008")	N/A
Power Density	160 kW/cm ²	225 kW/cm ²	50 kW/cm ²	680 kW/cm ²