

STANDARD MODULE – LDA 1000-SERIES



CHARACTERISTICS

- Solid build for industrial use
- Module for laser diodes up to approx 40mW
- Beam shape after 1m = 5 x 3 mm
- Beam shape after 20m = 16 x 5.5 mm

TECHNICAL DATA/ORDER INFORMATION

Order number	Type description	Wave-length	Optical output	Beam shape out	Laser class	Divergence	Wave-length shift	Output power stability	Ripple Noise
		nm	mW	mm		mrad	nm/°C	% (25°C)	4–6VDC %rms
0030-01-92-01*	U35MV1	635	<1	2x3	2	0.5	0.25	<0.5	<1
0030-02-92-01*	U35MV1	635	<2	2x3	3R	0.5	0.25	<0.5	<1
0030-03-92-01*	U35MV1	635	<3.5	2x3	3R	0.5	0.25	<0.5	<1
0030-10-92-01	V35MV1	650	<1	2x3	2	0.5	0.25	<0.5	<1
0030-11-92-01	V35MV1	650	<2	2x3	3R	0.5	0.25	<0.5	<1
0030-12-92-01	V35MV1	650	<3.5	2x3	3R	0.5	0.25	<0.5	<1
0030-20-92-01	W35MV1	670	<1	2x3	2	0.5	0.25	<0.5	<1
0030-21-92-01	W35MV1	670	<2	2x3	3R	0.5	0.25	<0.5	<1
0030-22-92-01	W35MV1	670	<3.5	2x3	3R	0.5	0.25	<0.5	<1
0030-30-92-01*	see Order Number	635	<1	Line 1x1	2		0.25	<0.5	<1
0030-31-92-01*		635	<3.5	Line 1x1	3R		0.25	<0.5	<1
0030-40-92-01		650	<1	Line 1x1	2		0.25	<0.5	<1
0030-41-92-01		650	<3.5	Line 1x1	3R		0.25	<0.5	<1

ELECTRICAL CONNECTIONS

Note: + on housing
– on housing

Plus = red cable



Minus = black cable

Operating voltage: 4..6VDC
Consumption subject to power: approx. <80 mA
Polarity protection included

DIMENSIONS

Diameter: 11 mm x 40 mm (Cable length: 150 mm)