

## Expander Laser, green, 532 nm, 5 mW

E532-5-3(24x120)APT20  
Order Number: 70102499

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	150	300	400	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	expander
Laser Class	2M
Operating Distance	150 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	Solid State (YVO4+KTP)
Stability	+/- 20% @ 15-30°C
Focus	adjustable
Warm up time	< 15 min

### Electrical Parameters

Potential of Housing isolated  
Power Supply LFNT-3

### Mechanical Parameters

Size	Ø24x120 mm
Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	20 mm
Housing Color	black
Weight	120.5 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 3 V DC
- Glas lenses anti reflex coated
- Laser Class 2M
- Adjustable focus
- Uniform illumination

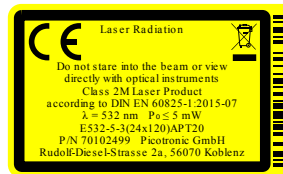
### Picture



### Cable color

Ground		black	GND
positive		red	2.7 - 3.3, typ 3 V DC

### Safety Label



### Valid Revision

0 | 25-MAY-2020