

Expander Laser, green, 532 nm, 10 mW

E532-10-3(24x120)APT20-CON
Order Number: 70128888

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power		10		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	50	150	350	mA
Operating Temperature	15		30	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	expander
Laser Class	3R
Operating Distance	300 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
Connector	2.5 mm DC plug (GND pole inner)
Power Supply	Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

Mechanical Parameters

Size	Ø24x120 mm
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Material	aluminium
Cable length	100 mm
Wire type	26AWG, 0,14mm²
Output Aperture	20 mm
Housing Color	black
Weight	120 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



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

Picture



Cable color

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

Safety Label



Valid Revision

| 26-JUN-2020