

Expander Laser, green, 532 nm, 1 mW

E532-1-3(24X120)APT20-CON
Order Number: 70135183

Main Parameters (*)	min	typ	max	Unit
Wavelength		532		nm
Optical Output Power	0.55	1	1	mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	150	300	450	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	2
Operating Distance	200 m
Optics	glass lens AR coated
Beam Mode	TEM00
Laser technology	YVO4+KTP
Stability	+/- 20% @ 15-30°C
Focus	adjustable
Warm up time	< 15 min

Electrical Parameters

Potential of Housing	isolated
Connector	2.1 mm DC plug (+pole inner)

Mechanical Parameters

Size	Ø24x120 mm
------	------------

Material	aluminium
Cable length	400 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	20 mm
Weight	87 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



- Operating voltage 3V DC
- Anti-reflective coated glass lenses
- Laser class 2
- Focus adjustable
- Even illumination

Picture



Safety Label



Valid Revision

| 24-JAN-2025