

Expander Laser, green, 532 nm, 1 mW

E532-1-3(24x120)APT20-C300-C
Order Number: 70114348

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	2.5 mm DC plug (GND pole inner)

Mechanical Parameters

Size	Ø24x120 mm
Material	aluminium
Cable length	300 mm
Wire type	22AWG, black, 3,6mm
Output Aperture	20 mm
Weight	87 g

(*) Over the complete operating temperature range

Features



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

Picture



Safety Label



Valid Revision

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