

## Dot laser, blue, 405 nm, 1 mW

DDI405-1-24-F(12x60)-C500  
Order Number: 70115109

Main Parameters (*)	min	typ	max	Unit
Wavelength		405		nm
Optical Output Power		1		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	15	25	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	D - 0.5 mrad
Size of Laserdot	adjustable
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size	Ø12x60 mm
Material	aluminium
Cable length	500 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	5 mm

Housing Color	black
Weight	15 g
Stripping of wire	5 mm

(\*) Over the complete operating temperature range

### Features





- Glas lenses anti reflex coated
- Isolated housing
- Laser Class 2
- Operating Voltage 24 V DC
- Small package

### Picture



### Cable color

Ground		black	GND
Positive		red	21.6 - 26.4, typ 24 V DC

### Safety Label



### Valid Revision

1 | 08-JAN-2018