

## Expander Laser, red, 658 nm, 50°, 100 mW

EJ658-100-3(9.5x28)-AWL  
Order Number: 70116571

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Output Power		100		mW
Operating Voltage	3	3	3	V DC
Operating Current	150	200	250	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	expander
Laser Class	3R
Fan Angle	50°
Size of Laserdot	<400mm@0.3m
Operating Distance	1 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (300mm)

### Electrical Parameters

Potential of Housing isolated

### Mechanical Parameters

Size	Ø9.5x28 mm
Material	aluminium
Cable length	100 mm

Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	4.2 mm
Housing Color	black
Weight	4.5 g

(\*) Over the complete operating temperature range

### Features



- Image processing
- Uniform illumination
- Modulated
- Spreading lens
- Compact size

### Picture



### Cable color

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

### Safety Label



### Valid Revision

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