

Expander Laser, red, 658 nm, 17°, 100 mW

MEJ658-100-5(22x70)
Order Number: 70106657

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 658 | | nm |
| Optical Diode Power | | 100 | | mW |
| Operating Voltage | 4.5 | 5 | 5 | V DC |
| Operating Current | 80 | 160 | 240 | 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 17°
Size of Laserdot <2600mm@100m
Operating Distance 10 m
Optics glass lens AR coated
Laser technology Single Mode Diode
Focus adjustable

Electrical Parameters

Potential of Housing isolated
Max. Mod. Frequency 100 kHz
Power Supply Power Supply with stripped/tinned wires, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max.

Mechanical Parameters

Size Ø22x70 mm
Material aluminium

| | |
|-----------------|---------|
| Cable length | 100 mm |
| Output Aperture | 17.5 mm |
| Housing Color | black |
| Weight | 30 g |

(*) Over the complete operating temperature range

Features






- Operating Voltage 5V DC
- Laser Class 3R
- Image processing
- Adjustable focus
- High Power

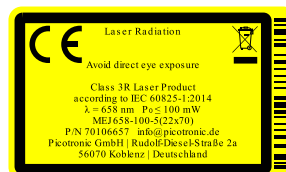
Picture



Cable color

| | | | |
|------------|--|--------|---------------------|
| Ground |  | blue | GND |
| Positive |  | red | 4.5 - 5, typ 5 V DC |
| Modulation |  | yellow | 100 kHz |

Safety Label



Valid Revision

4 | 09-JAN-2020