

Expander Laser, red, 650 nm, 12 mW

E650-12-3(43x175)APT30
Order Number: 70102420

| Main Parameters (*) | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength | | 650 | | nm |
| Optical Output Power | | 12 | | mW |
| Operating Voltage | 2.7 | 3 | 3.3 | V DC |
| Operating Current | 50 | 100 | 150 | 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 |
| Beam Diameter | 30 mm |
| Operating Distance | 150 m |
| Optics | glass lens AR coated |
| Laser technology | diode |
| Focus | fixed |

Electrical Parameters

Potential of Housing isolated
Power Supply LFNT-3

Mechanical Parameters

| | |
|-----------------|----------------------------|
| Size | Ø43x175 mm |
| Material | aluminium |
| Cable length | 100 mm |
| Wire type | 26AWG, 0,14mm ² |
| Output Aperture | 30 mm |
| Weight | 151 g |

(*) Over the complete operating temperature range

Features



- Laser Class 3R
- Operating Voltage 3 V DC
- Image processing
- Glas lenses anti reflex coated
- Compact size

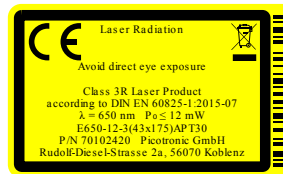
Picture



Cable color

| | | | |
|----------|--|-------|-----------------------|
| Ground |  | black | GND |
| positive |  | red | 2.7 - 3.3, typ 3 V DC |

Safety Label



Valid Revision

6 | 25-MAY-2020