

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

EJ658-100-5(20x70)-CON
Order Number: 70129755

Main Parameters (*)	min	typ	max	Unit
Wavelength		658		nm
Optical Diode Power		100		mW
Operating Voltage	3	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
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	expander
Laser Class	3R
Beam Diameter	5.5 mm
Fan Angle	17°
Operating Distance	10 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	fixed

Electrical Parameters

Potential of Housing	isolated
Connector	2.1 mm DC plug (GND pole inner)
Power Supply	Power Supply, Output: 5V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3W max, Connector 2,1x5,5x9,5mm center negative

Mechanical Parameters

Size	Ø20x70 mm
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Material	aluminium
Cable length	100 mm
Wire type	Belden, Typ 1007, 26AWG
Output Aperture	5.5 mm
Housing Color	black
Weight	30 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 5V DC
- Laser Class 3R
- Compact size
- For Nightvision Devices
- Adjustable fan angle 1

Picture



Cable color

Ground		blue	GND
Positive		red	3 - 5, typ 5 V DC

Safety Label



Valid Revision

| 30-JAN-2019