

Doe laser, red, 635 nm, 100 mW

DD635-100-24-F(20X80)-DOE
Order Number: 70156812

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power	95	100	110	mW
Operating Voltage	22	24	26	V DC
Operating Current	30	70	100	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	DOE
Laser Class	3B
Divergence	D - 0.5 mrad
Operating Distance	50 m
Optics	glass lens AR coated
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
Power Supply	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max.

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Cable length	300 mm
Wire type	18AWG, black, 3,6mm

Output Aperture	5 mm
Housing Color	black
Weight	30 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		white	22 - 26, typ 24 V DC

Safety Label



Valid Revision

| 02-FEB-2026