

Dot laser, red, 650 nm, 1 mW

AMDA650-1-5(12X40)
Order Number: 70156201

Main Parameters (*)	min	typ	max	Unit
Wavelength	645	650	655	nm
Optical Output Power		1		mW
Operating Voltage	4.5	5	5.5	V DC
Operating Current	20	35	70	mA
Operating Temperature	-30		70	°C
Storage Temperature	-40		85	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	2
Divergence	A - 0.1 mrad
Beam Diameter	4 mm
Size of Laserdot	<4mm@5m
Operating Distance	5 m
Optics	glass lens AR coated
Protection Lens	no
Focus	fixed (5.0m)

Electrical Parameters

Stripping of cable cover	0 mm
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Mechanical Parameters

Size	Ø12x40 mm
Material	aluminium
Cable length	100 mm
Wire type	28AWG
Output Aperture	3 mm

Housing Color	black
Weight	50 g
Stripping of wire	5 mm

(*) Over the complete operating temperature range

Features



Picture



Cable color

Ground		black	GND
Positive		red	4.5 - 5.5, typ 5 V DC
Modulation		yellow	

Safety Label



Valid Revision

| 04-OCT-2022