

GLRD174 VHF Rubber Duck Antenna, 136-174 MHz, 1.8 dBi, SMA Male

MODEL GLRD174
VHF rubber duck antenna covering 136-174 MHz with 1.8 dBi gain, SMA Male connector and 50 W power handling for land mobile radio, public safety and two-way radio use.



KEY PERFORMANCE

136-174 MHz

FREQUENCY RANGE

1.8 dBi

GAIN

<= 1.5:1

VSWR

SMA Male

CONNECTOR

PRODUCT HIGHLIGHTS

VERIFIED HIGHLIGHTS

Verified highlights: 1.8 dBi gain across the full VHF band; 50 W continuous input power; SMA Male connector with plug-and-play installation; TPE flexible whip radome; VSWR held to <= 1.5:1.

TYPICAL APPLICATIONS

VERIFIED APPLICATIONS

Verified applications: PtP or PtMP links; two-way radio trunking; public safety and emergency services; marine and rail communications; P-25 systems; land mobile radio (LMR); fixed and mobile services.

TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Frequency range	136-174 MHz
Gain	1.8 dBi
VSWR	<= 1.5:1
Impedance	50 ohm
Max. power	50 W
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Connector	SMA Male
Radome material	TPE
Color	Black
Length	162.81 mm (6.41 in)
Diameter	12.7 mm (0.5 in)
Weight	9.98 g (0.022 lbs)
Operating temperature	-40 to +80 deg C

NOTES

Specs cross-checked between the source datasheet and the Ellen 2026-06-29 sales note. The page 2 drawing rounds length to 163.0 mm; the page 1 spec table value of 162.81 mm is used as authoritative.



PRODUCT DATASHEET

SKU GLRD174
Rev. 1.0 | 2026-09-08

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Frequency, connector, cable length and mounting options can be reviewed for your project.

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