

CA-072738-01

4G / 5G Roof Screw Mount Puck Antenna — 700–960 / 1575–2700 / 3300–3800 MHz

The CA-072738-01 is a professional-grade **4G/5G screw-mount puck antenna** engineered for permanent roof and panel installation in vehicles, enclosures and industrial equipment. Its compact, vandal-resistant ABS housing conceals a broadband radiating element covering three critical frequency bands: **700–960 MHz (sub-1GHz 4G/LTE)**, **1575–2700 MHz (mid-band 4G/LTE)** and **3300–3800 MHz (5G NR sub-6GHz)** — providing complete carrier coverage across Telstra, Optus and Vodafone networks in a single, clean installation.

The screw-through mounting design creates a weatherproof, tamper-resistant seal with no external fixings. A single **SMA Male connector** on 3M RG174 cable connects directly to modems, routers, 4G communicators and IoT gateways without adapters. The low-profile 80mm diameter enclosure suits flush-mounting on vehicle roofs, control panels, kiosk tops and equipment cabinets.



■ GENERAL SPECIFICATION

Model No.	CA-072738-01
Antenna Type	Roof Screw Mount Puck — Through-Hole / Stud Mount
Housing Dimensions	80 mm diameter (circular)
Antenna Colour	Black — UV-Stabilised ABS Housing
Coaxial Cable	RG174 — 3M standard (custom lengths available on request)
Cable Connector	SMA Male (Plug)
Impedance	50 Ohm
Operating Temp.	-40°C to +85°C
Storage Temp.	-40°C to +90°C
Humidity	40% to 95% RH (non-condensing)

■ RF SPECIFICATION

SUB-1GHz — 4G LTE		MID-BAND — 4G LTE		5G NR SUB-6GHz	
Frequency	700 – 960 MHz	Frequency	1575 – 2700 MHz	Frequency	3300 – 3800 MHz
Coverage	B28, B5, B8	Coverage	B1, B3, B7, B40	Coverage	n78 (5G NR)
Gain	1 – 4 dBi	Gain	1 – 4 dBi	Gain	1 – 4 dBi
VSWR	< 2.5	VSWR	< 2.5	VSWR	< 2.5
Polarization	Linear Vertical	Polarization	Linear Vertical	Polarization	Linear Vertical



■ INSTALLATION & CABLE SPECIFICATION

Mounting Method	Screw-through (stud mount) — single central fixing
Mounting Hole	12 mm diameter clearance hole required
Sealing	Integrated gasket — weatherproof IP-rated seal on installation
Cable Type	RG174 coaxial — low-loss, flexible
Cable Length	3M standard Custom lengths available on request
Connector Type	SMA Male (Plug) — gold-plated contacts
Cable Routing	Internal cable exit through mounting stud

■ AUSTRALIAN CARRIER BAND COMPATIBILITY

Carrier	Technology	Bands Covered	Status
Telstra	4G LTE + 5G NR	B28 (700), B5 (850), B1 (2100), B3 (1800), n78 (3500)	✓ Full Coverage
Optus	4G LTE + 5G NR	B28 (700), B3 (1800), B40 (2300), n78 (3500)	✓ Full Coverage
Vodafone	4G LTE + 5G NR	B28 (700), B5 (850), B1 (2100), B3 (1800), n78 (3500)	✓ Full Coverage
TPG / Ericsson 5G	5G NR	n78 (3500 MHz)	✓ Covered

■ TYPICAL APPLICATIONS

Fleet Management & Vehicle Telematics	Security Alarm Communicators & Panels	4G/5G LTE Routers & Modems
Remote Asset & Equipment Monitoring	IoT / M2M Gateway Devices	Smart Utility & Grid Metering
Industrial Wireless Controllers	Vending Machines & Kiosk Terminals	CCTV & IP Camera Backhaul

Ready to Order or Need a Custom Solution?

D&G Antennas supplies Australia's leading security integrators, fleet operators and OEM partners with professional-grade RF solutions. Whether you need a single evaluation unit or a scheduled production run, our team is ready to support your project from specification through to delivery.

Custom cable lengths, alternative connector types and bulk packaging options are available on request. Stock items typically ship within 7 business days.

GET IN TOUCH

sales@dandgantennas.com.au

CALL US

02 4732 3083

VISIT US

3/1 Harford Street Jamisontown NSW 2750

WEB

www.dandgantennas.com.au

Exclusive Tier 1 Trade Pricing Available. D&G Antennas offers exclusive Tier 1 pricing for qualified trade partners, system integrators and volume buyers. Contact our sales team directly to discuss your requirements and receive a tailored pricing schedule.

Specifications subject to change without notice. D&G Antennas Pty Ltd — 3/1 Harford Street, Jamisontown NSW 2750.