

LYNWAVE TECHNOLOGY LTD.

ANTENNA
CATALOGUE

2026



Catalogue Organization

The product catalog is categorized by communication technology and related components. Each product includes a part number and existing specifications. Items marked with an asterisk (*) are customizable.

Application

Cellular Antennas

Lynwave cellular antennas support cellular and cellular IoT/cellular LPWA applications including:

- 5G, 4G, 3G, 2G
- LTE, UMTS, GSM
- LTE-M (Cat-M1)
- IoT-/ LPWA
- CBRS

WiFi/WLAN

Lynwave Tri-band 2.4GHz, 5GHz and 6GHz antenna solutions target wireless LAN (WiFi/WLAN) applications including:

- WiFi 7/ WiFi 6E
- WiFi 6
- WiFi 5
- WiFi 4
- U-NII 1-4, 5-8
- 802.11b/g/n/ac/ax/be

2.4 GHz ISM

Lynwave 2.4GHz single-band antennas provide a broad range of styles, mounting, termination and levels of performance to accommodate ISM applications including:

- Bluetooth®
- ZigBee®
- Thread®
- IEEE 802.11b/g
- IEEE 802.15.4

GNSS

Lynwave offers global navigation satellite system (GNSS) antennas for systems including:

- GPS
- Galileo
- GLONASS
- BeiDou/COMPASS

Sub-1 GHz LPWA & ISM

Lynwave sub-1 GHz antennas support LoRa, Sigfox, NB-IoT, and other LPWA/ISM networks for long-range, low-power connectivity in smart metering and industrial IoT.

- LoRaWAN®
- Sigfox®
- NB-IoT
- Weightless-P™
- WiFi Halow™

NFC

Lynwave NFC antennas operate at 13.56 MHz for secure, short-range communication in payment, access control, and pairing applications.

- NFC
- RFID

Thermal

Lynwave thermal design integrates heatsinks and conductive paths to ensure stable antenna performance in high-power, rugged, or outdoor environments.

- ATM (Antenna, Thermal, Mechanical/Mainboard)
- Thermal Pad
- Heatsink

Others

- Connector
- Cable Assemblies

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Connector

Cable Assemblies

PA-0001

Sub 6GHz, 4x4



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
617~960	2.5	1.5
1450~2690	2.0	5.0
3300~4200	2.0	6.0
Radiation Pattern	Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	200 x 100 x 48
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PA-0002

Sub 6GHz, 6x6



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
617~960	2.5	1.5
1710~2690	2.0	3.0
1450~2690	2.0	5.0
3300~4200	2.0	6.0
Radiation Pattern	Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	200 x 100 x 48
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

FP-0001

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
700~960	3.0	3.2
1452~2690	3.0	5.3
4400~5000	3.0	5.6
Radiation Pattern	Omni-Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	152 x 20.6 x 0.2
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PC-0001

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
703~803	3.0	0.5
880~960	3.0	0.2

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* MHF Compatible

Dimensions (mm) 95 x 15 x 0.8

Operating Temp. -40°C ~ +85°C

Cable Type* 1.13 / 1.37

Cable Length (mm)* 100

200

ME-0001

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
703~2690	2.0	2.98

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* Surface Mount

Dimensions (mm) 33 x 39 x 8.1

Operating Temp. -40°C ~ +85°C

PC-0003

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
698~960	2.5	2.9
1710~2170	2.5	3.6
2200~2400	2.5	3.3
2500~2690	2.5	3.6

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* MHF Compatible

Dimensions (mm) 95 x 15 x 0.8

Operating Temp. -40°C ~ +85°C

Cable Type* 1.13 / 1.37

Cable Length (mm)* 100

200

PC-0004

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
600~960	3.0	0.8
1452~2690	3.0	5.8
4400~5000	3.0	4.6

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* MHF Compatible

Dimensions (mm) 95 x 14 x 0.8

Operating Temp. -40°C ~ +85°C

Cable Type* 1.13 / 1.37

Cable Length (mm)* 100

200

PC-0005

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
698~960	2.5	1.1
1710~2170	2.5	3.6
2200~2400	2.5	3.0
2500~2690	2.5	2.6

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* MHF Compatible

Dimensions (mm) 97.1 x 15 x 0.8

Operating Temp. -40°C ~ +85°C

Cable Type* 1.13 / 1.37

Cable Length (mm)* 100

200

DP-0003

Sub 6GHz, 5G NR, LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
617~698	2.5	1.5
698~824	2.5	2.2
824~960	2.5	1.9
1427~1518	2.7	3.4
1710~1880	2.3	4.0
1850~1990	2.3	3.0
1920~2170	2.3	2.8
2492~2690	2.0	3.8
3300~4200	2.0	4.1
4400~5000	2.1	4.0
5150~5925	2.1	3.7

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination*	N-type Jack
	N-type Plug
Dimensions (mm)	Ø 22.7 x 198.1
Operating Temp.	-40°C ~ +85°C

DP-0006

Sub 6GHz, 5G NR, LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
617~698	3.0	1.5
698~824	2.5	2.2
824~960	2.5	1.9
1427~1518	2.5	3.4
1710~1880	2.5	4.0
1850~1990	2.5	3.0
1920~2170	2.5	2.8
2492~2690	2.0	3.8
3300~4200	2.0	4.1
4400~5000	2.0	4.0
5150~5925	2.0	3.7

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination*	SMA Plug
	RP-SMA Plug
Dimensions (mm)	22 x 13.6 x 229
Operating Temp.	-40°C ~ +85°C

DP-0005

5G NR



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
3400~3800	2.0	5.0

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* N-type Jack

N-type Plug

Dimensions (mm) Ø 22.7 x 196.9

Operating Temp. -40°C ~ +85°C

DP-0007

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
698~960	2.5	1.0
1710~1880	2.0	3.2
1920~2170	2.0	3.2
2500~2690	2.0	3.6

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination* RP-SMA Plug

SMA Plug

Dimensions (mm) 162 x 22 x 13

Operating Temp. -40°C ~ +85°C

DP-0008

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
698~960	2.5	2.2
1710~2170	2.0	4.1
2500~2700	2.0	4.1

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination* N-type Jack

N-type Plug

Dimensions (mm) Ø 22.7 x 196.9

Operating Temp. -40°C ~ +85°C

DP-0009

LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
698~960	2.5	1.0
1400~1606	2.0	2.9
1710~1880	2.0	3.0
1920~2170	2.0	3.2
2500~2690	2.0	3.6

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination*	SMA Plug
	RP-SMA Plug
Dimensions (mm)	162 x 22 x 13
Operating Temp.	-40°C ~ +85°C

DP-0010

Sub 6GHz, 5G NR, LTE



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
617~698	2.5	1.9
698~824	2.5	1.9
824~960	2.5	1.3
1427~1518	2.5	3.3
1710~1880	2.5	3.1
1850~1990	2.5	1.8
1920~2170	2.5	3.4
2492~2690	2.5	3.1
3300~4200	2.5	2.3
4400~5000	2.5	3.0
5150~5925	2.5	3.8

Radiation Pattern Omni-Directional

Polarization Linear

Mechanical Data

Termination*	SMA Plug
	RP-SMA Plug
Dimensions (mm)	142 x 22 x 13
Operating Temp.	-40°C ~ +85°C

PA-0004

Dual Band (5/6 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
5150~6200	2.0	13.0	60°	15°
Radiation Pattern			Directional	
Polarization			Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	180 x 64 x 4.9
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PA-0005

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
5150~5825	2.0	11.0	60°	15°
Radiation Pattern			Directional	
Polarization			Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	180 x 64 x 4.9
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PA-0006

Dual Band (5/6 GHz)



Standard colors.
Other colors upon request.

Electrical Data

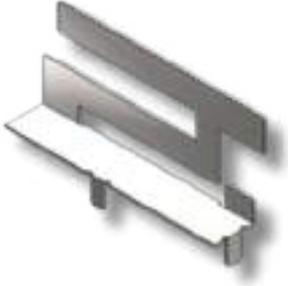
Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
5150~6200	2.0	14.5	60°	16°
Radiation Pattern			Directional	
Polarization			Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	180 x 60 x 8
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

ME-0024

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	4.2
5150~5825	2.0	4.2
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	29 x 5.3 x 16.1
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

ME-0025

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.5
5150~5825	2.0	3.3
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Dimensions (mm)	13.7 x 12.2 x 4.1
Operating Temp.	-40°C ~ +85°C

ME-0026

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.89
5150~5825	2.0	2.28
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Dimensions (mm)	19.9 x 6.9 x 1.7
Operating Temp.	-40°C ~ +85°C

ME-0033

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	5.9
5150~5825	2.0	6.7
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	Ø 5.2 x 51.5
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

ME-0034

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	3.0
5150~7125	2.0	5.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	43 x 8 x 7.99 x 0.4
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

BR-0008

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.3
5150~5825	2.0	4.2
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	13.1 x 9.7 x 8.5 x 0.3
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

FP-0006

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.96
5150~5825	2.0	4.83
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	34 x 12.5 x 0.15
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

FP-0007

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	3.97
5150~5825	2.0	7.78
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	38.5 x 12.5 x 0.15
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

FP-0008

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.96
5150~5825	2.0	4.83
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	34 x 12.5 x 0.15
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PC-0014

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5450~5825	2.0	6.3
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	33 x 24 x 0.6
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100 200

PC-0015

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5150~5350	2.0	3.42
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	20.5 x 6 x 0.6
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100 200

PC-0017

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5150~5825	2.0	5.66
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	33 x 24.5 x 0.6
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100 200

BR-0001

Tri-Band (5/6/7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
5150-5825	2.0	11.7	70°	15°
5925-7125	2.0	11.3	70°	15°

Radiation Pattern	Directional
Polarization	Linear (±45° Slant)

Mechanical Data

Termination*	N-Type Jack
	N-Type Plug
Dimensions (mm)	220 x 140 x 48.7
Operating Temp.	-40°C ~ +85°C
IP Rating	IP67

BR-0002

Tri-Band (5/6/7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
5150-5825	2.0	14.4	48°	16°
5925-7125	2.0	13.0	48°	16°

Radiation Pattern	Directional
Polarization	Linear (±45° Slant)

Mechanical Data

Termination*	N-Type Jack
	N-Type Plug
Dimensions (mm)	258 x 228 x 51.05
Operating Temp.	-40°C ~ +85°C
IP Rating	IP67

MU-0001

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5150~5875	2.0	4.0

Radiation Pattern	Omni Directional
Polarization	Linear

Mechanical Data

Termination*	N-Type Jack
	N-Type Plug
Dimensions (mm)	Ø 80 x 40
Operating Temp.	-40°C ~ +85°C

DP-0001

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	4.1
5150~5925	2.0	5.3
5925~7125	2.0	5.2

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination*	N-Type Jack
	N-Type Plug
Dimensions (mm)	Ø 22.7 x 198.1
Operating Temp.	-40°C ~ +85°C
IP Rating	IP67

DP-0002

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	5.1
5150~5925	2.0	6.4
5925~7125	2.0	5.8

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination*	N-Type Jack
	N-Type Plug
Dimensions (mm)	Ø 25.2 x 415.3
Operating Temp.	-40°C ~ +85°C
IP Rating	IP67

DP-0004

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400-2500	2.0	2.1
5150-5350	2.0	3.5
5470~5850	2.0	3.9
5925-7125	2.0	4.0

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	225 x 26 x 16
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

DP-0012

2.4GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	5.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	N-Type Jack N-Type Plug
Dimensions (mm)	Ø 22.7 x 198.1
Operating Temp.	-40°C ~ +85°C

DP-0013

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5150~5825	2.0	6.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	N-Type Jack N-Type Plug
Dimensions (mm)	Ø 22.7 x 198.1
Operating Temp.	-40°C ~ +85°C

DP-0014

5GHz



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5150~5825	2.0	4.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	154 x 26 x 16.2
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100 200

DP-0015

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	4.1
5150~5850	2.0	4.3
5925~7125	2.0	5.6

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination*	MHF4L Compatible
Dimensions (mm)	121.02 x 38.4 x 21.59
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

DP-0016

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	3.7
5150~5850	2.0	5.0
5925~7125	2.0	5.0

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination*	SMA Plug
	RP-SMA Plug
Dimensions (mm)	162 x 22 x 13.6
Operating Temp.	-40°C ~ +85°C

DP-0017

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	1.8
5150~5350	2.0	2.5
5740~5725	2.0	3.7
5925~7125	2.0	4.0

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	225 x 26 x 16
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

DP-0020

Tri-Band (5/6/7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
5900~7125	2.0	5.0
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	SMA Plug
	RP-SMA Plug
Dimensions (mm)	162 x 22 x 132
Operating Temp.	-40°C ~ +85°C

DP-0018

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	3.7
5150~5850	2.0	5.0
5925~7125	2.0	5.0
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	SMA Plug
	RP-SMA Plug
Dimensions (mm)	162 x 22 x 13.6
Operating Temp.	-40°C ~ +85°C

DP-0019

WiFi 8 (2.4~7 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	4.1
5150~5925	2.0	5.3
5925~7125	2.0	5.2
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	N-Type Jack
	N-Type Plug
Dimensions (mm)	Ø 22.7 x 198.1
Operating Temp.	-40°C ~ +85°C
IP Rating	IP67

DP-0021

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.5
5150~5350	2.5	1.8
5450~5825	2.0	3.8
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	154 x 26 x 16.2
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

DP-0022

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	1.5
5150~5350	2.5	3.0
5470~5725	2.0	3.3
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	154 x 26 x 16.2
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PC-0016

2.4 GHz ISM



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
2400~2500	2.0	7.45	66°	54°
Radiation Pattern			Directional	
Polarization			Linear	

Mechanical Data

Termination*	SMA Plug RP-SMA Plug
Dimensions (mm)	60 x 57 x 7
Operating Temp.	-40°C ~ + 85°C
Cable Type*	1.13 / 1.37
Cable Length*	100 200

PA-0003

2.4 GHz ISM



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)	HPBW (Azimuth)	HPBW (Elevation)
2400~2500	2.0	10.5	78°	32°
Radiation Pattern			Directional	
Polarization			Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	180 x 69.4 x 6.5
Operating Temp.	-40°C ~ + 85°C
Cable Type*	1.13 / 1.37
Cable Length*	100 200

ME-0008

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	4.5
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	30 x 10 x 5.6
Operating Temp.	-40°C ~ + 85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100 200

FP-0004

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

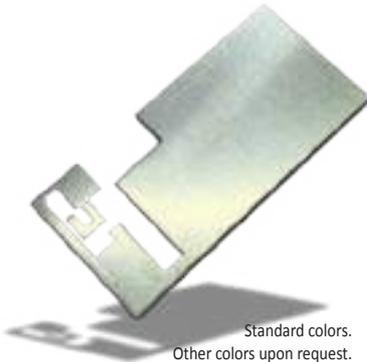
Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	3.57
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	41 x 9.7 x 0.15
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

ME-0002

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	2.81
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	Surface Mount
Dimensions (mm)	35.21 x 17.22 x 2
Operating Temp.	-40°C ~ +85°C

ME-0003

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	3.07
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	27.8 x 5 x 13
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PC-0002

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	4.7
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	36 x 9.5 x 0.6
Operating Temp.	-40°C ~ + 85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PC-0006

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2412~2484	2.0	2.4
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	44 x 11 x 0.6
Operating Temp.	-40°C ~ + 85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

PC-0007

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	1.8	5.5
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	300 x 50 x 0.6
Operating Temp.	-40°C ~ + 85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

DP-0011

2.4 GHz ISM, ZigBee®, Bluetooth®



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.0	5.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	SMA Plug RP-SMA Plug
Dimensions (mm)	Ø 13 x 200
Operating Temp.	-40°C ~ + 85°C

CE-0002

GPS, GLONASS, Galileo, BeiDou



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
1575±3	2.0	0
Polarization		R.H.C.P

Mechanical Data

Termination*	Surface Mount
Dimensions (mm)	12.1 x 12.1 x 4
Operating Temp.	-40°C ~ +85°C

PC-0044

GPS, GLONASS, Galileo, BeiDou



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
1565~1610	2.0	7.0
Radiation Pattern		Omni Directional
Polarization		Linear

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	48 x 13.7 x 0.8
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

CE-0003

GPS, GLONASS, Galileo, BeiDou



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
1584	2.0	3.0
Polarization		R.H.C.P

Mechanical Data

Dimensions (mm)	25 x 25 x 7
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

FP-0005

LoRA



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
902~928	2.0	1.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	MHF Compatible
Dimensions (mm)	75 x 45 x 0.15
Operating Temp.	-40°C ~ +85°C
Cable Type*	1.13 / 1.37
Cable Length (mm)*	100
	200

FP-0012

LoRA



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
865~928	2.5	-0.4
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	IPEX
Dimensions (mm)	32.7 x 13 x 0.24
Operating Temp.	-40°C ~ +85°C

DP-0023

LoRA



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
902~928	2.0	3.0
Radiation Pattern	Omni Directional	
Polarization	Linear	

Mechanical Data

Termination*	N-type Jack
Dimensions (mm)	Ø 23 x 530
Operating Temp.	-40°C ~ +85°C
IP Rating	IP67

FP-0013

NFC



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	13.56MHz
Radiation Pattern	Omni Directional
Polarization	Linear

Mechanical Data

Dimensions (mm)	52.94 x 35.43 x 0.14
Operating Temp.	-40°C ~ +85°C
Cable Type*	Flexible Flat Cable
Cable Length*	50

BR-0009

NFC, RFID



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	125KHz
Polarization	Linear

Mechanical Data

Dimensions (mm)	86.8 x 38 x 0.75
Operating Temp.	-40°C ~ +85°C

PC-0045

NFC



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	13.56MHz
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Mechanical Data

Dimensions (mm)	62.8 x 24.4 x 1.0
Operating Temp.	-10°C ~ +60°C

HE-0001

Dual Band (2.4/5 GHz)



Standard colors.
Other colors upon request.

Electrical Data

Frequency (MHz)	VSWR (Max)	Peak Gain (dBi)
2400~2500	2.5	2.6
5150~5825	2.5	3

Radiation Pattern Omni Directional

Polarization Linear

Mechanical Data

Dimensions (mm) 12.76 x 9.57 x 4.32

Operating Temp. -40°C ~ +85°C

HE-0002

Thermal Pad



Standard colors.
Other colors upon request.

Mechanical Data

Dimensions (mm) 8x7x1mm, K=3W/mk, Shore 00 50, LA-DS520

HE-0003

Heatsink



Standard colors.
Other colors upon request.

Mechanical Data

Dimensions (mm) 76 x 33 x 9 x 3 mm, K = 210W/mk, AL1060

HE-0004

Heatsink



Standard colors.
Other colors upon request.

Mechanical Data

Dimensions (mm)	76.12x49x13.7mm, K=201W/mk, AL6063, Graphene
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Connector



N Type



SMA



FARKA



MMCX/MCX



MHF

CABLE ASSEMBLIES



RG 174



RG 178



RG 316



RF Cable
Ø: (0.81/ 1.13/ 1.37)



LMR 200 compatible



LMR 400 compatible

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