

GPS DIRECT MOUNTS

GPS single band direct mount antennas have the following specifications:

Frequency:	1575.4	Polarization:	Right-Hand Circular
Gain:	5 dBic	Coax:	17' RG-174
LNA Gain:	28 dB $\pm$ 2 dB	Voltage:	5V DC
Pattern:	Hemispherical	Color:	Black
Mounting:	Direct Feed 5/8" hole	Size:	.7" H x 2.5" Dia

Model	Connector	Color
GPSDM02	MCX	Black
GPSDM04	MMCX	Black
GPSDM06	SMB	Black
GPSDM08	SMA	Black

Contact factory for upcoming GNSS models covering GPS, Glonass, Beidou/Compass and Galileo.

GPSDM



GPS COMBI WHIP DIRECT MOUNTS

GPS combi whip direct mount antennas have the following specifications:

LNA Gain:	26 dB $\pm$ 2 dB	Pattern:	Hemispherical / Omni
Polarization:	Right-Hand Circular /Vertical	Coax:	16.4' RG-174 / 16.4' RG-174
Mounting:	Direct Feed 5/8" hole	Voltage:	5V DC
Color:	Black	Base Size:	2" W x 2.3" L x 0.7" H

Model	Frequency (MHz)	Gain (dBi/dBic)	Whip Length (in)	Connector
GPSCW1502	136-174 / 1575.42	2.14/5	22	SMA/SMB
GPSCW4501	406-512 / 1575.42	2.14/5	6.25	SMA/SMA
GPSCW4502	406-512 / 1575.42	2.14/5	6.25	SMA/SMB
GPSCW3E8001	806-896 / 1575.42	5/5	11.5	SMA/SMA
GPSCW3E8003	806-896 / 1575.42	5/5	11.5	FME/SMA

GPSCW



GPSCW3E



GPS DIRECT MOUNT

GPS single band direct mount antennas have the following specifications:

Frequency:	1575.4	Polarization:	Right-Hand Circular
Gain:	4 dBic	Coax:	LMR-195
LNA Gain:	25 dB $\pm$ 2 dB	Voltage:	3V-5V DC
Pattern:	Hemispherical	Color:	GRAY (PANTONE 427)
Mounting:	Direct Feed 5/8" hole	Size:	.87" H x 1.97" Dia

Model	Cable Length	Connector
*GPSDM26B0500	19.68" (500mm)	SMA

Contact factory for upcoming GNSS models covering GPS, Glonass, Beidou/Compass and Galileo.

GPSDM26B0500



* IP67 RATED

GLASS MOUNT

GPS glass mount single band antennas have the following specifications:

Frequency:	1575.4 MHz	Gain:	1.5 dBi
Pattern:	Hemispherical	LNA Gain:	26 dB $\pm$ 2 dB
Polarization:	Right-Hand Circular	VSWR:	1.5:1
Mounting:	Double Sided Tape	Voltage:	3V or 5V DC

Model	Size H x L x W (In)	Color	Cable	Connector
*GPSGMSMA	.2 x 3 x 1.2	Black	16.4' RG-174	SMA
*GPSGMSMB	.2 x 3 x 1.2	Black	16.4' RG-174	SMB

* IP65 RATED



GPSGSM

GPS LOW PROFILE SINGLE BAND

GPS low profile single band antennas have the following specifications:

Frequency:	1575.4 MHz	Gain:	5 dBic
Pattern:	Hemispherical	LNA Gain:	28 dB $\pm$ 2 dB
Polarization:	Right-Hand Circular	VSWR:	2.0:1
Mounting:	NMO Mount	Voltage:	5V DC

Model	Size H x D (In)	Color	Cable	Connector
GPSNMO01	1.3 x 2.9	White	Order Separately	Order Separately
GPSNMO02	1.3 x 2.9	Black	Order Separately	Order Separately
GPSNMO07	1.3 x 2.9	White	17' RG-58/U	SMB
GPSNMO08	1.3 x 2.9	Black	17' RG-58/U	SMB
GPSNMO09	1.3 x 2.9	White	17' RG-58/U	SMA
GPSNMO10	1.3 x 2.9	Black	17' RG-58/U	SMA



GPS LOW PROFILE



GPS0015

GPS TIMING ANTENNA

Model	Frequency (MHz)	LNA Gain ($\pm$ 2 dB)	Dimensions H x W (In)	Polarization	Voltage	Color	Mounting	Connector
GPS0015	1575.42 $\pm$ 1.023	25	4 x 4.5	RHCP	4V-15V DC	White	Bracket	N Male



* MADE IN THE USA

ALL PARTS IP65 RATED

GPS



GPS LTE DIRECT MOUNTS

Model	Frequency (MHz)	Gain (dBi)	Polarization	VSWR	Mounting	Voltage (v)	Size H x Dia (In)	Cable	Conn
GPSDM700/2500FFS	698-960/1710-2170/2300-2700	3	Linear Vertical	2.0:1	3/4" Hole	3 or 5	3.5 x 4.16	17' RG-58	FME
	2400-2485/5150-5850	6	Linear Vertical					17' RG-58	FME
	1575.42	5 dBic	RHCP					17' RG-174	SMA

MODEL	LTE		WIFI		GPS	
	CABLE	CONN.	CABLE	CONN.	CABLE	CONN.
GPSDM700/5800SSS	17' RG-58	SMA	17' RG-58	SMA	17' RG-174	SMA
GPSDM700/5800GGT	17' RG-58	SMA	17' RG-58	RP-SMA	17' RG-174	SMA
GPSDMW700/5800SSS	17' RG-58	SMA	17' RG-58	SMA	17' RG-174	SMA



GPSDM700/2500FFS

GPSDM700/5800SSS

GPS & CELLULAR COMBO DIRECT MOUNT

Direct mount antennas have the following specifications:

Frequency: 824-960 / 1710-2170 / 1575.4 MHz

VSWR: <2.0:1

Gain: 2 dBi / 2 dBi / 5 dBic

LNA Gain: 26 dB $\pm$ 2 dB

Pattern: Omni / Omni / Hemispherical

Voltage: 3V or 5V DC

Polarization: Vertical / Vertical / Right-Hand Circular

Coax: 16.4' RG-174 / 16.4' RG-174

Mounting: Direct Feed 3/4" hole

Magnetic Mount Option

Model	Size		Color	Connector
	L x W x D (In)			
*GPSCP00	7.6 x 3.4 x 1.3		Black	TNC/SMA
*GPSCP01	7.6 x 3.4 x 1.3		White	No Conn
*GPSCP02	7.6 x 3.4 x 1.3		Black	No Conn/SMA
*GPSCP03	7.6 x 3.4 x 1.3		White	No Conn/SMA
*GPSCP04	7.6 x 3.4 x 1.3		Black	No Conn/SMB
*GPSCP05	7.6 x 3.4 x 1.3		White	No Conn/SMB
*GPSCP06	7.6 x 3.4 x 1.3		Black	SMA/SMA
*GPSCO07	7.6 x 3.4 x 1.3		White	SMA/SMA
*GPSCP08	7.6 x 3.4 x 1.3		Black	MPL/SMA
*GPSCP09	7.6 x 3.4 x 1.3		White	MPL/SMA
*GPSCP10	7.6 x 3.4 x 1.3		Black	TNC/BNC
*GPSCWCP00	3.9 x 2.3 x 3.2		Black	TNC/SMA
*GPSCWCP01	3.9 x 2.3 x 3.2		Black	No Conn/SMA
*GPSCWCP02	3.9 x 2.3 x 3.2		Black	No Conn/SMB
*GPSCWCP03	3.9 x 2.3 x 3.2		Black	SMA/MPL
*GPSCWCP04	3.9 x 2.3 x 3.2		Black	SMA/SMA
*GPSCWCP05	3.9 x 2.3 x 3.2		Black	TNC/TNC
*GPSCPM00	7.6 x 3.4 x 1.3		Black	TNC/SMA (Mag Mount)
*GPSCPM02	7.6 x 3.4 x 1.3		Black	No Conn/SMA (Mag Mount)



GPSCP



GPS Multi Band
Mag Mount



GPSCW



GPS DIRECT MOUNT

NMOHFGPS mount have the following specifications:

Frequency:	1575.4 - 1576.4 MHz	Gain:	5 dBic
Polarization:	Right-Hand Circular / Vertical	LNA Gain:	26 dB $\pm$ 2 dB
Cable:	16.4' RG-174 (GPS)	VSWR:	Less than 2:1
	16.4' RG-58 (NMOHF)	Voltage:	3V or 5V DC
Size:	.5 x 2 x 4.5	Color:	Black
Mounting:	5/8" Hole		

Model	Connectors (mount / GPS)	Color
*NMOHFGPSFMENOCNN**	FME/No Connector	Black
*NMOHFGPSFMESMA**	FME/SMA	Black
*NMOHFGPSNOCNN**	No Connectors	Black
*NMOHFGPSSMASMA**	SMA/SMA	Black

NOTE: Specifications listed refer to GPS performance. Additional antenna specifications are dependent on the antenna mounted on the NMO side.

GPS MAGNETIC MOUNT

GPS single band magnetic mount antennas have the following specifications:

Frequency:	1575.4 MHz	Gain:	5 dBic
Pattern:	Hemispherical	LNA Gain:	26 dB $\pm$ 2 dB
Polarization:	Right-Hand Circular	VSWR:	Less than 2:1
Cable:	17' RG-174	Voltage:	5V DC

Model	Size H x L x W (In)	Color	Connector
GPS0002	0.5 x 1.75 x 1.5	Black	MCX
GPS0006	0.5 x 1.75 x 1.5	Black	SMB
GPS0008	0.5 x 1.75 x 1.5	Black	No Conn
GPS0010	0.5 x 1.75 x 1.5	Black	SMA
GPS0012	0.5 x 1.75 x 1.5	Black	BNC



GPS Single Band
Mag Mount

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GPSDM26B0500

GPS DIRECT MOUNT

GPS single band direct mount antennas have the following specifications:

Frequency:	1575.4	Polarization:	Right-Hand Circular
Gain:	4 dBic	Coax:	LMR-195
LNA Gain:	25 dB $\pm$ 2 dB	Voltage:	3V-5V DC
Pattern:	Hemispherical	Color:	Gray (Pantone 427)
Mounting:	Direct Feed 5/8" hole	Size:	.87" H x 1.97" Dia

Model	Cable Length	Connector	Color
***GPSDM26B0500	19.68" (500mm)	SMA	Gray (Pantone 427)

Mouser Electronics

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