

# GPS/DUAL BAND

Radiall/Larsen offers unique options in GPS and dual band antenna designs.



Active GPS antenna. Available in black or white.



GPS / UHF dual band mobile antenna w/active GPS module.

MODEL	COLOR	CONN
GPS0001	WHITE	MCX
GPS0002	BLACK	MCX
GPS0003	WHITE	MMCX
GPS0004	BLACK	MMCX
GPS0005	WHITE	SMB
GPS0006	BLACK	SMB
GPS0007	WHITE	NO CONN
GPS0008	BLACK	NO CONN
GPS0009	WHITE	SMA
GPS0010	BLACK	SMA
GPS0011	WHITE	BNC
GPS0012	BLACK	BNC

SPECIFICATIONS	
FREQUENCY	1575.4 MHz
LNA GAIN	26 dBic $\pm$ 2 dB
TYPE	Active
BANDWIDTH	2 MHz Minimum
PATTERN	Hemispherical
VSWR	<2:1
INPUT IMPEDANCE	50 ohms
POLARIZATION	Right Hand Circular Polarized
COAX	RG174
DIMENSIONS	2" Dia., .62" H.
OPERATING TEMP	-40° to 80°
VOLTAGE	5V DC
NOISE TEMP	1.5 dB typical

MODEL	FREQUENCY	CONN	COLOR
GPSU001	1575.4/450-470 MHz	MCX/FME	White
GPSU002	1575.4/450-470 MHz	MCX/FME	Black
GPSU003	1575.4/450-470 MHz	MMCX/FME	White
GPSU004	1575.4/450-470 MHz	MMCX/FME	Black
GPSU005	1575.4/450-470 MHz	SMB/FME	White
GPSU006	1575.4/450-470 MHz	SMB/FME	Black
GPSU007	1575.4/450-470 MHz	None	White
GPSU008	1575.4/450-470 MHz	None	Black
GPSU009	1575.4/450-470 MHz	SMA/FME	White
GPSU010	1575.4/450-470 MHz	SMA/FME	Black

SPECIFICATIONS	
GAIN	2 dBi/26 dBic (LNA)
TYPE	PCB/Active
BANDWIDTH	22 MHz/ 2 MHz Min.
PATTERN	Omni/Hemispherical
VSWR	2.0:1/1.5:1
IMPEDANCE	50 ohms
POLARIZATION	Vertical/RHCP
COAX	19.7" RG58/RG174
DIMENSIONS	1.25" Hx4.5" Dx6.5" L
OPER TEMP	-40° to 85° C
VOLTAGE	5 V DC
MOUNTING	Direct Feed 3/4" hole