

# GT19C GT24C

## EMISPHERICAL OMNI ANTENNA

*ElettroMagnetic Services*  
SRL

- Designed for L1 and L2 GPS systems
- Circularly polarized, emispherical radiation pattern
- Customization available



### ELECTRICAL

Frequency	1227.60 ± 5 MHz	(GT24C)
	1575.42 ± 5 MHz	(GT19C)

Polarization	RHCP	
VSWR	< 1.5	
Gain	6.5 dBic	(GT24C)
	7.5 dBic	(GT19C)
Front-to-back ratio	> 18 dB	
HPBW (Az×El)	360° × 110° ± 10°	(GT24C)
	360° × 105° ± 10°	(GT19C)
Lightning protection	DC grounded	

### MECHANICAL

Connector	N-female, 50 Ω	
Height × max. diameter	210 × 140 mm	(GT24C)
	210 × 100 mm	(GT19C)
Mass	600 g	(GT24C)
	550 g	(GT19C)

Standard finish	polycarbonate radome, light grey RAL-7035 colour
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### MOUNTING

Standard interface	mast mount bracket
Mast mount	50 ÷ 70 mm

Due to technical improvements, specifications provided in this data sheet may change without notice. Whilst every effort is made to ensure an high degree of accuracy to all specifications here reported, no responsibility can be accepted for any errors or omissions. Any reproduction, full or partial, of this document and its contents is not allowed without factory authorization.

Since **ElettroMagnetic Services** is specialized in development and production of custom antennas, if you need electrical and/or mechanical modifications of this product to meet a particular application or requirements, please feel free to contact us directly.

### HEADQUARTERS

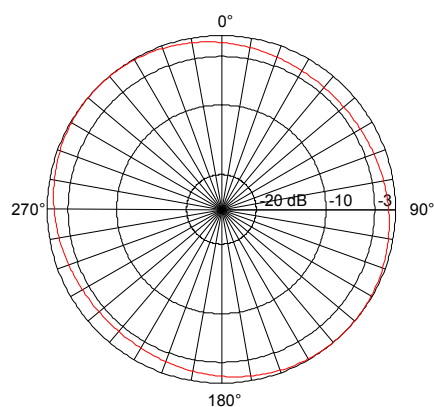
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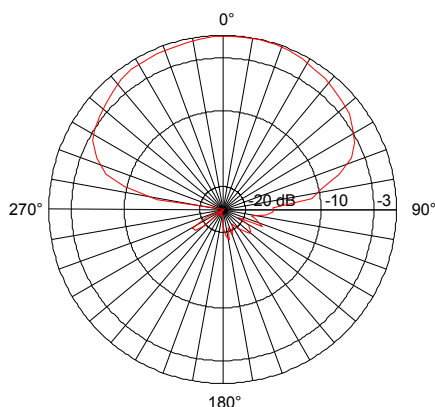
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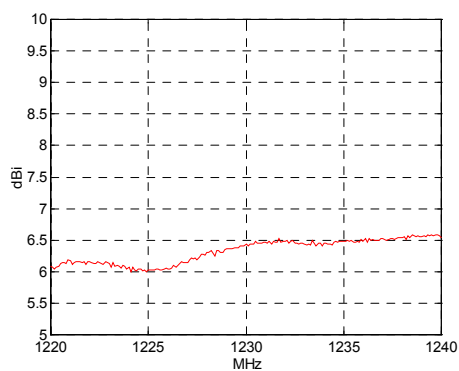
Azimuth pattern



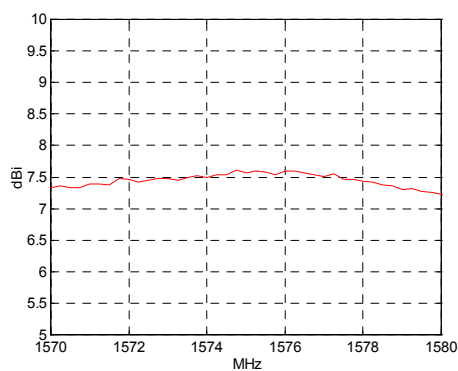
Elevation pattern



Gain (GT24C)



Gain (GT19C)



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