



Medusa Series

Let Bliley be your spacecraft's precision timing and frequency distribution source

Medusa FGU (Frequency Generation Unit)

The Bliley Medusa FGU product line is a fully integrated, synchronized frequency control unit that leverages Bliley's 50+ years of quartz space timing heritage. It continues to fly deeper into the Kuiper belt 4.1M miles away and counting! The Medusa platform provides the following benefits:

- Fully Integrated Design for the Spacecraft's Timing Need
- Compact design for low size and mass
- Modular design elements for maximum flexibility
- **Iris GPS Disciplined OCXO** solution with LEO Constellation Heritage
- GPS disciplined for long-term stability
- Integrated Power Supplies that can receive unregulated spacecraft power
- Multi-channel Amplified Frequency Distribution
- Fully Redundant Solution
- Lowest cost LEO Constellation solution in the market

That is just the start! Bliley can fully customize for your spacecraft's communication and timing needs!

frequency generation unit



Please ask for quote as the pricing is depended on requirements





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dimensions

height

15 cm

length

25 cm

width

5 cm

weight*

1.66 kg



one slice shown

Connect and GO!

The fully integrated Medusa space solution allows Bliley to fully customize each “Slice” as required for the mission. The bottom of the Slice is designed to transfer the heat to the spacecrafts heat pipes. Once the product is delivered to the customer’s assembly site, you simply bolt, connect power, communications I/O, and RF signals and GO!

* Weight shown is an average weight of a single slice with redundant functionality. Weights will slightly change based on actual solution implemented. A full weight calculation will be provided by Bliley.

