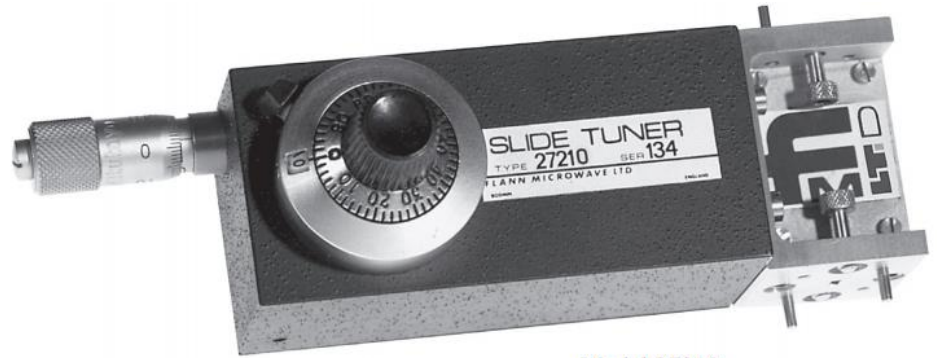




### Features

- Models up to 330 GHz
- Highly repeatable
- Full Range Tuning
- Lockable



Model 27210

The Flann Series 210 Slide Tuners consist of a precision waveguide machined in two halves, with a slot along the centre of one broad wall. A variable penetration capacitive probe is introduced through the slotted wall of the waveguide.

Longitudinal movement of the probe is adjusted by a vernier control which may be locked after positioning. Slide tuners are often easier to adjust than other types of tuners in which the tuning controls are interactive. The units are of a mechanically sound design and adequate precautions are taken to avoid erratic tuning and slot resonance.

| Model | Frequency Range (GHz) | Waveguide |      |    | Dimensions (mm)                 |    |     |
|-------|-----------------------|-----------|------|----|---------------------------------|----|-----|
|       |                       | WG        | R    | WR | A                               | B  | C   |
| 23210 | 33.0 - 50.1           | 23        | 400  | 22 | 31.5                            | 49 | 113 |
| 24210 | 39.3 - 59.7           | 24        | 500  | 19 | 31.5                            | 49 | 112 |
| 25210 | 49.9 - 75.8           | 25        | 620  | 15 | 31.5                            | 49 | 108 |
| 26210 | 60.5 - 92.0           | 26        | 740  | 12 | 31.5                            | 49 | 108 |
| 27210 | 73.8 - 112            | 27        | 900  | 10 | 31.5                            | 49 | 108 |
| 28210 | 92.3 - 140            | 28        | 1200 | 8  | 31.5                            | 49 | 108 |
| 29210 | 114 - 173             | 29        | 1400 | 6  | Dimensions available on request |    |     |
| 30210 | 145 - 220             | 30        | 1800 | 5  |                                 |    |     |
| 31210 | 172 - 261             | 31        | 2200 | 4  |                                 |    |     |
| 32210 | 217 - 330             | 32        | 2600 | 3  |                                 |    |     |

### FLANN MICROWAVE LTD.

Dunmere Road  
Bodmin  
Cornwall  
PL31 2QL

### GET IN TOUCH:

Tel: +44 (0)1208 77777  
sales@flann.com  
www.flann.com



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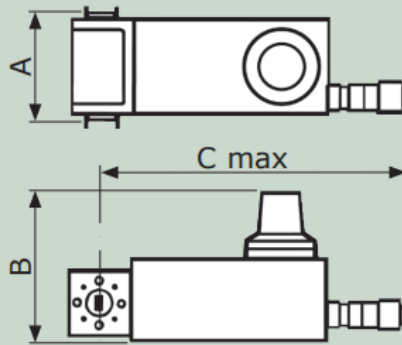
## Waveguide Slide Tuners

Series 210

### ORDERING INFORMATION

Model: Description

Example: Model 23210 Slide Tuner



Series 210

### Custom Design

Custom built instruments can be supplied; please contact the sales team for more information

[sales@flann.com](mailto:sales@flann.com)

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Dunmere Road  
Bodmin  
Cornwall  
PL31 2QL

**GET IN TOUCH:**

Tel: +44 (0)1208 77777  
[sales@flann.com](mailto:sales@flann.com)  
[www.flann.com](http://www.flann.com)