

## Miniature antenna for Global Positioning Systems (GPS)



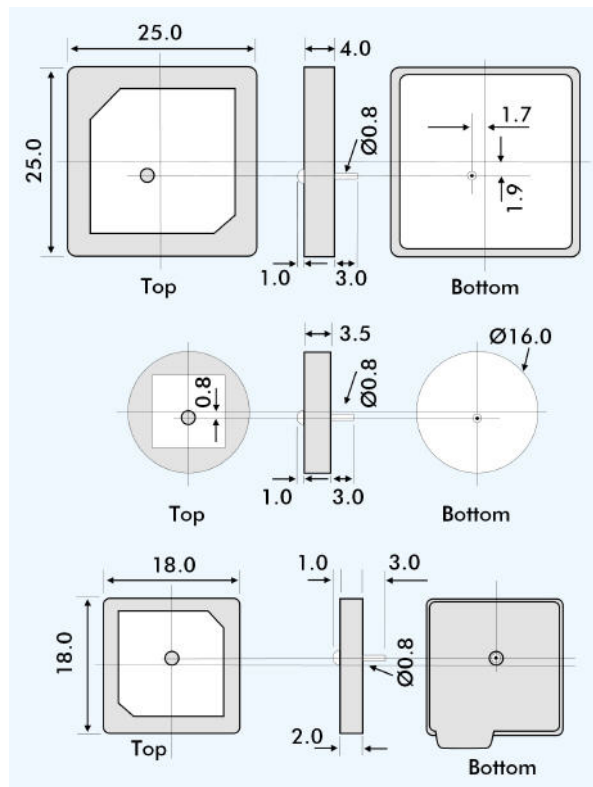
### FEATURES

- Wide range
- Stabilised temperature factors
- High quality dielectric ceramics
- Excellent radiation pattern

### ELEMENT CONSTRUCTION

- Type: Flat patch antenna
- Design: Rectangular microstrip antenna
- Feeding Method: Off-set one point feeding

### OUTLINE & DIMENSIONS



### SPECIFICATIONS

Part Number	Size (mm)	Centre Frequency (MHz)	Bandwidth (MHz)	Gain (dBi)	Ground Plane (mm)	Application
DA1575S25T4A	25x25x4	1575	≤10	4.5	35x35	GPS
DA1575S25T4B	25x25x4	1575	≤10	4.5	70x70	
DA1575S25T2B	25x25x2	1575	≤10	4.5	70x70	
DA1580S25T4A	25x25x4	1580	≤15	4.5	35x35	
DA1580S25T4B	25x25x4	1580	≤15	4.5	70x70	
DA1580S25T2B	25x25x2	1580	≤15	4.5	70x70	
DA1580S18T4	18x18x4	1580	≤10	3.0	50x50	
DA1580S18T2	18x18x2	1580	≤10	3.0	50x50	
DA1580S13T4	13x13x4	1580	≤5	0.0	50x50	
DA2450S13T4	13x13x4	2450	≤5	0.0	50x50	
DA2450S13T2	13x13x2	2450	≤5	0.0	50x50	
DA1575S36T4	36x36x4	1575	≤30	5.0	80x80	
DA2450D16	∅16	1450	45	2.1	50x70	
DA1616S25(Tx)	25x25x4	1616	≤10	4.0	70x70	Beidou Sat.
DA2492S25(Rx)	25x25x4	2492	≤10	4.0	70x70	

### PART NUMBERING

Example: DA 1575 S 25 T4 A



- 1 "DA" for Dielectric Antenna
- 2 Centre Frequency
- 3 Structure
- 4 Dimensions (mm)
- 5 Thickness

T4 = 4.0mm  
T2 = 2.0mm