

6GHz~18GHz PLANAR SPIRAL ANTENNA

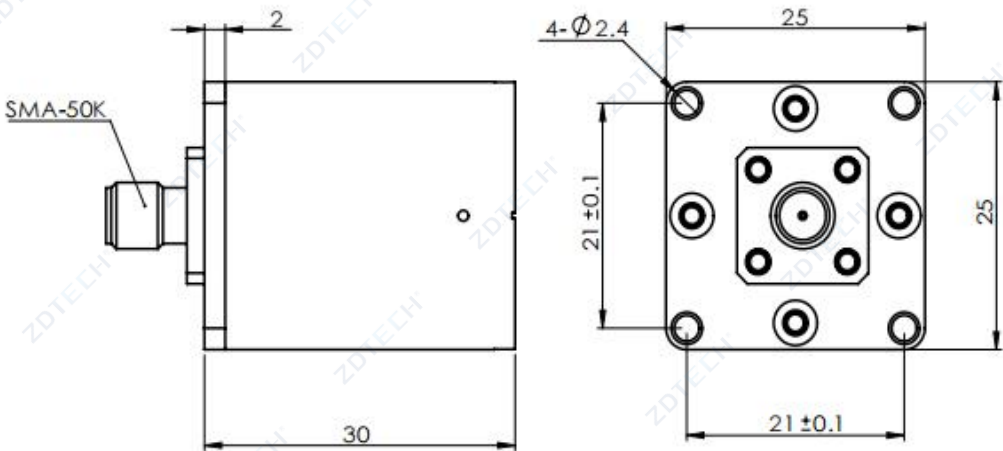
Model: ZD60180-25



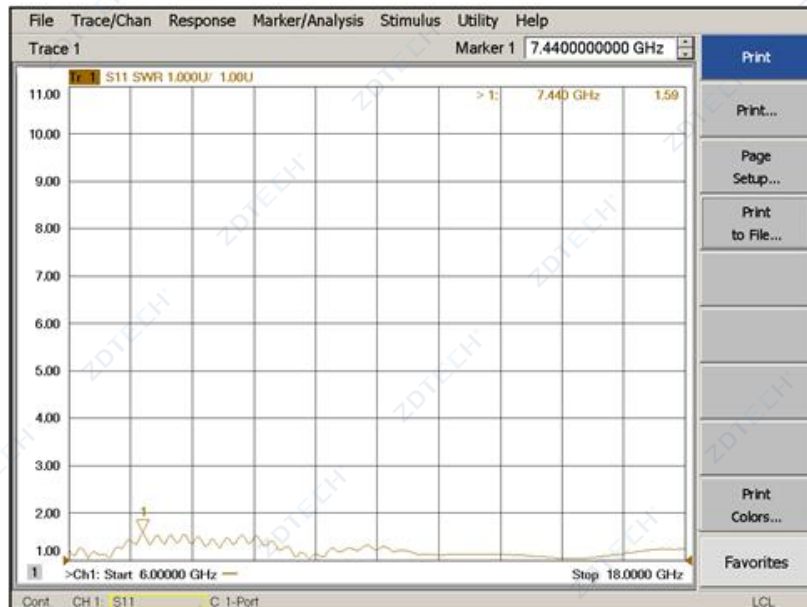
1.Technical Index

Frequency Range	6GHz~18GHz
Gain And Beam Width	Beam width with 5dB absolute gain in the azimuth plane: ≥90°; (gain at ±45° azimuth: ≥-5dB); Pitch plane absolute gain-5dB beam width: ≥90°; (pitch plane ±45° gain: ≥-5dB)
Standing Wave	≤3.0
Joggle	SMA-50K type (stainless steel)
Polarization Method	circular polarization
Reference Dimension	25mm*25mm*30mm (±2mm) (without connectors)
Weight	≤30g
Pigment	Military Green/Gray
Antenna Cavity Material	Alufer
Working Temperature	-40℃~+55℃
Storage Temperature	-55℃~+70℃

2.Dimensions (Unit: mm)



3.Standing wave

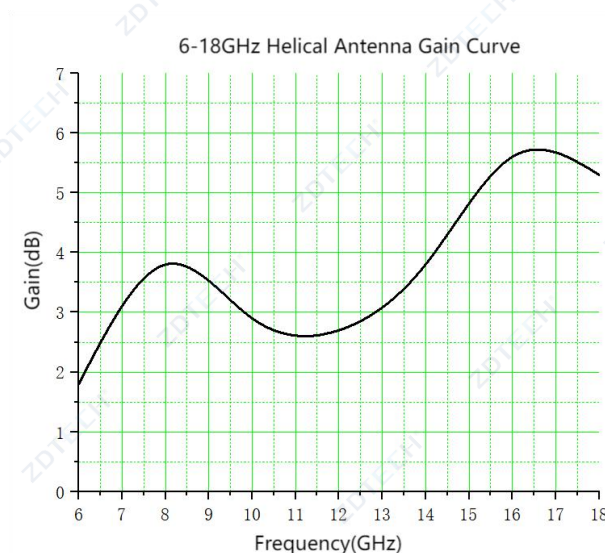


4. Beam Width

Operating frequency (GHz)
6
8
10
12
14
16
18

3dB beam width (°)
90
75
74
66
65
53
57

5. Gain Curve



6. Typical Direction Map

