

Product description

SPIDERLOOP A100



Product type: HF antenna

Frequency range: 10 - 30 MHz

Maximum output power: 70 W

Tuning methods: automatic (via carrier frequency), manual

Package dimensions, mm: 530 x 280 x 120

Antenna dimensions (assembled state): 1 m diameter circle

Package weight (when shipped): 3.5 kg

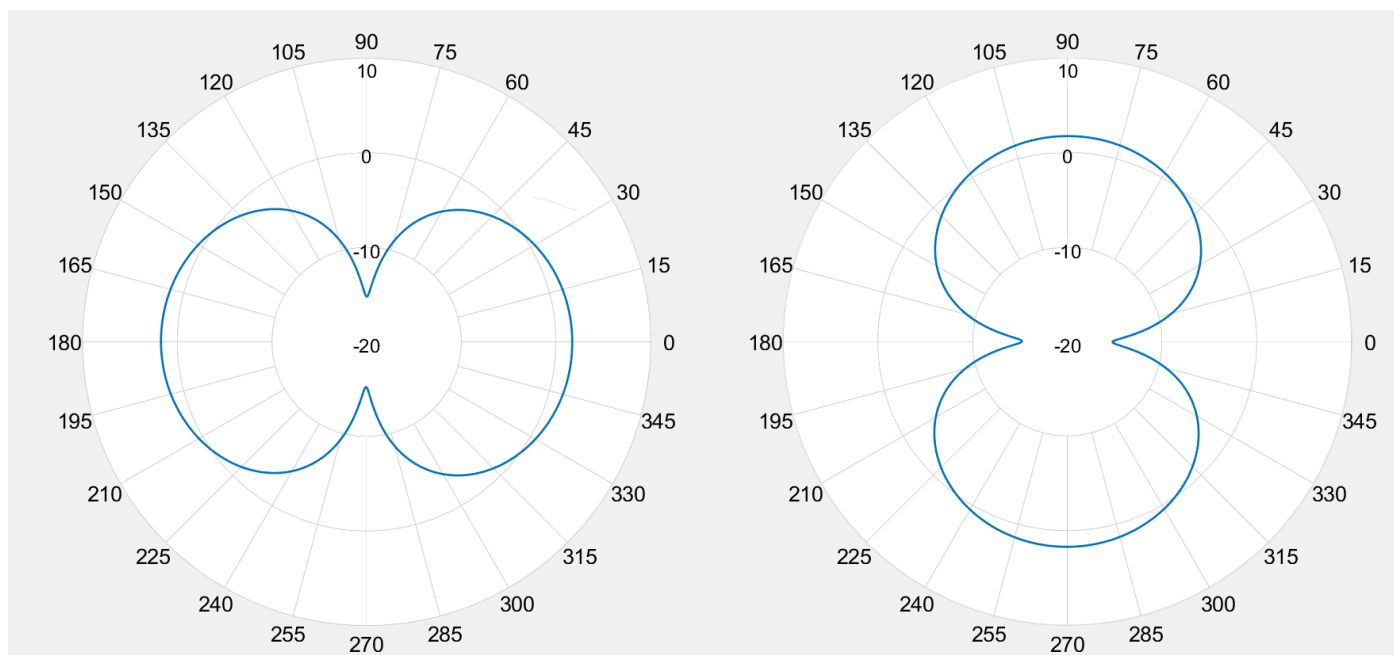
Kit contents:

- Antenna disassembled (includes antenna body, set of tubes)
- Control unit
- Metal tube mount (3 parts) with fasteners
- Antenna coaxial cable (10 m)
- Matching element cable (1 m)
- Control unit coaxial cable (1 m)
- 12 V power cable (1.5 m)
- User's manual (ENG)
- Handbag for storage and transportation

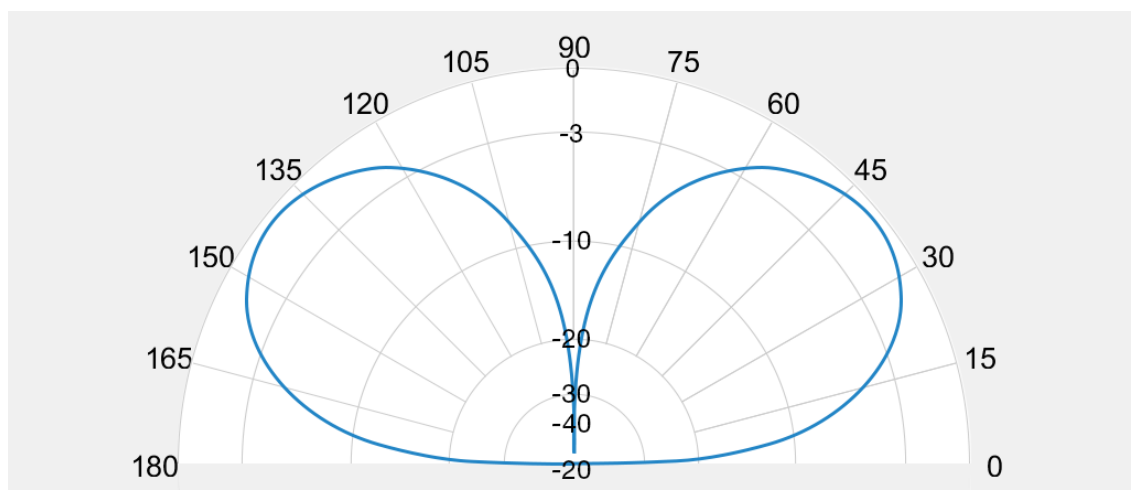


Radiation pattern and efficiency

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Picture 1: Antenna radiation pattern for vertical installation: vertically polarized wave (left), horizontally polarized wave (right), top view



Picture 2: Horizontal installation radiation pattern, horizontally polarized wave, side view

Table 1: SPIDERLOOP A100 efficiency at frequency range

Frequency (MHz)	Efficiency, %	Antenna power gain, dBi
10	50	-2.5
14	60	0
18	78	+1.4
21	87	+1.9
24	93	+2.3
28	95	+2.5