

By I2PKW

PKW Antenna System
Instructions manual

THF1e
Rotative Dipole Antenna
14-21-28 MHz
10-15-20 Meters

Ditta Martelli
Via Bellini, 9
20095 CUSANO M. (MI) ITALIA
Tel.++39.2.6196441
www.antennepkw.com
E-mail : info@antennepkw.com

For free by
RadioManual.eu

Technical characteristics

Model.....	THF1e
Frequency.....	14-21-28 MHz
SWR.....	1:1,1
Gain	0 dBd
Power adm.....	2 Kw p.e.p.(1 Kw cw)
Connection.....	SO239 50 Ohm
Balun 1:1 50 Ohm.....	(optional)
Wind loading.....	100 Mph
Length.....	7,71 meters
Diam.mast adm.....	50 mm.
Diam.elements.....	30/25/10 mm.
Alloy.....	Anticorodal
Accessory & screws.....	inox stainless
Weight.....	4 kg.

PKW Antenna System

THF1e 10-15-20 meters



n°1 SO239 box*
*(not included, when 1:1 balun)



n°4 PKW plastic clamps

- n°1 x 1.200 mm. diam. 30 mm. antenna support
- n°2 x 1.500 mm. diam. 30 mm. central parts

- n°2 x 20mm. diam. pre-assembled

n°2 traps c/ terminals included



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n° 2 inox clamps 30/20 mm.



n°1 plastic support



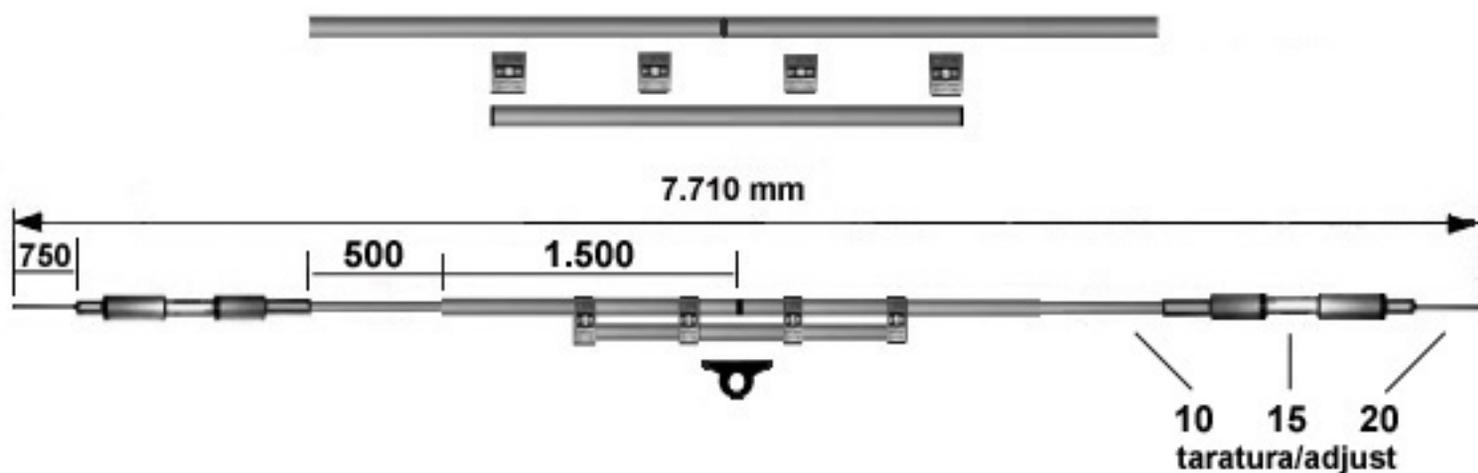
n°1 inox piaster



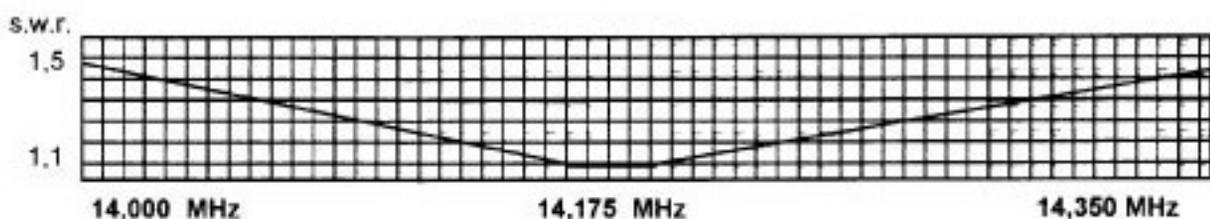
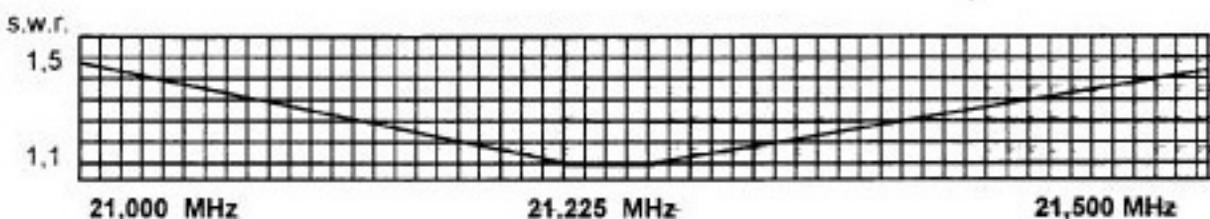
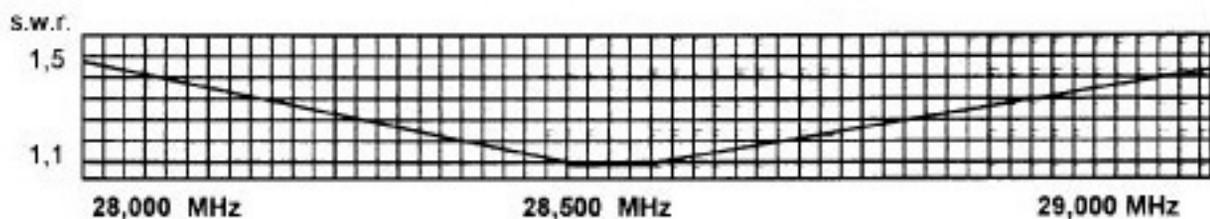
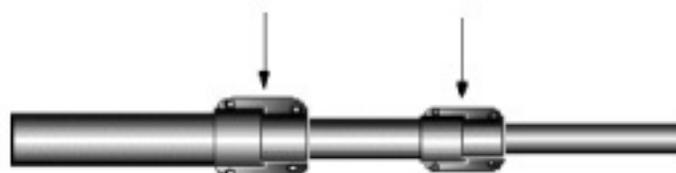
n°1 inox U-bolt

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THF1e 10-15-20 metri

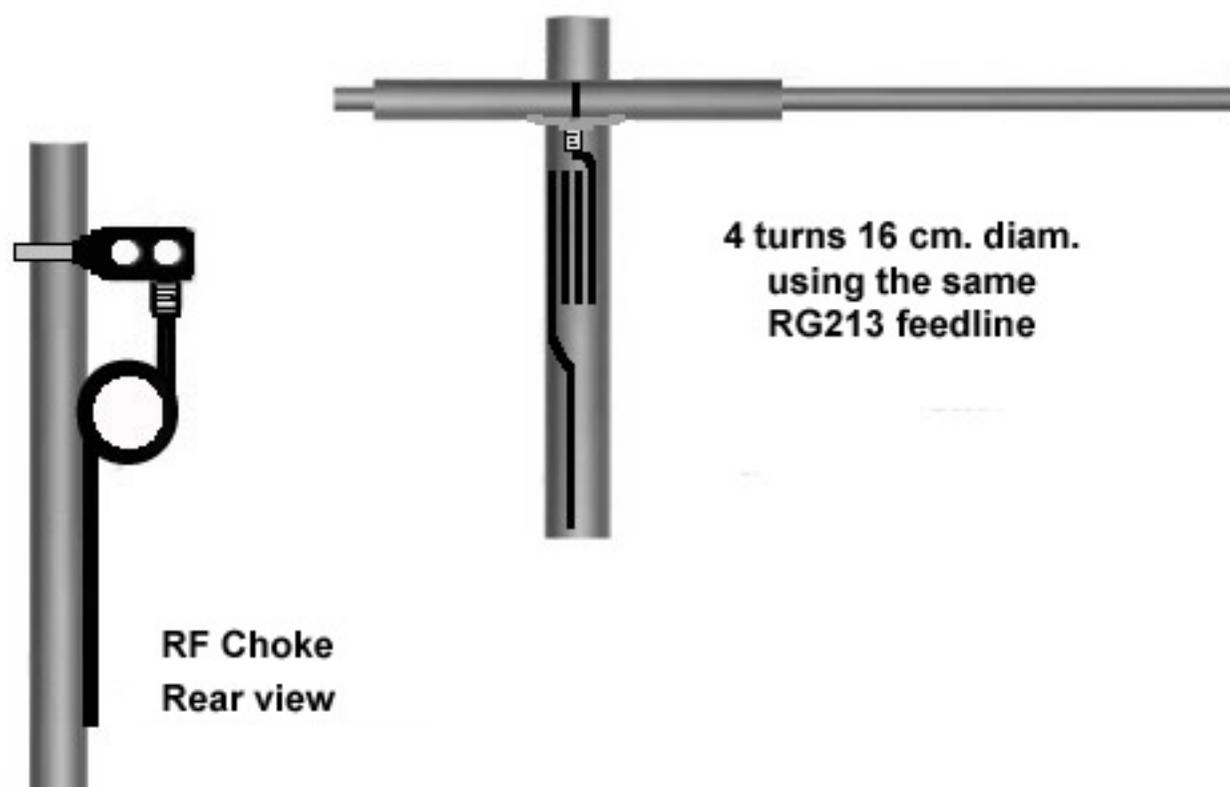


Measurement points



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RF Choke / Balun 1:1 Assembly



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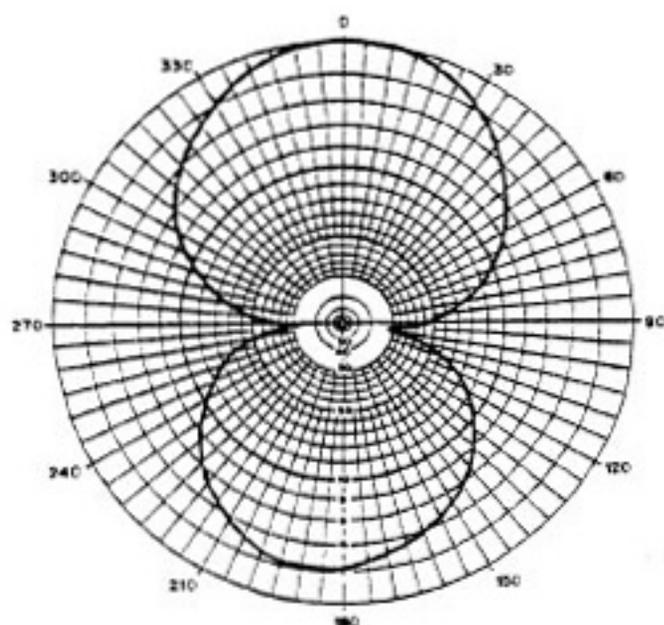
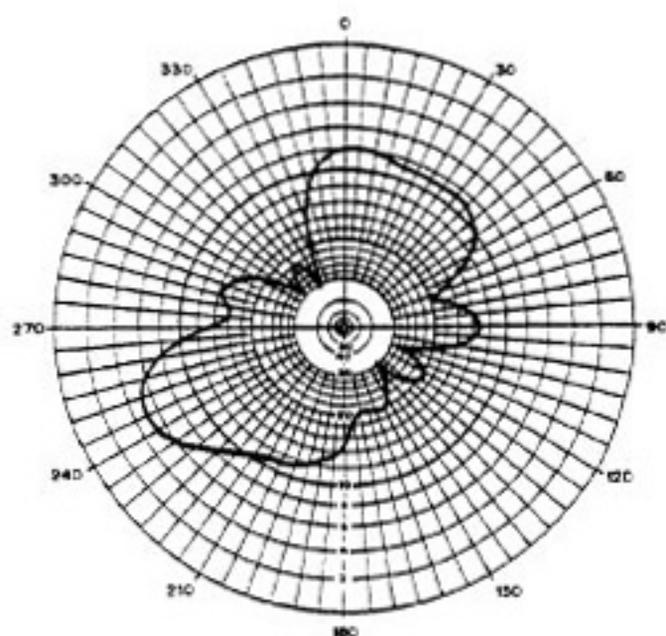
Balun 1:1 - 50 Ohm

14-18-21-24-28 Mhz



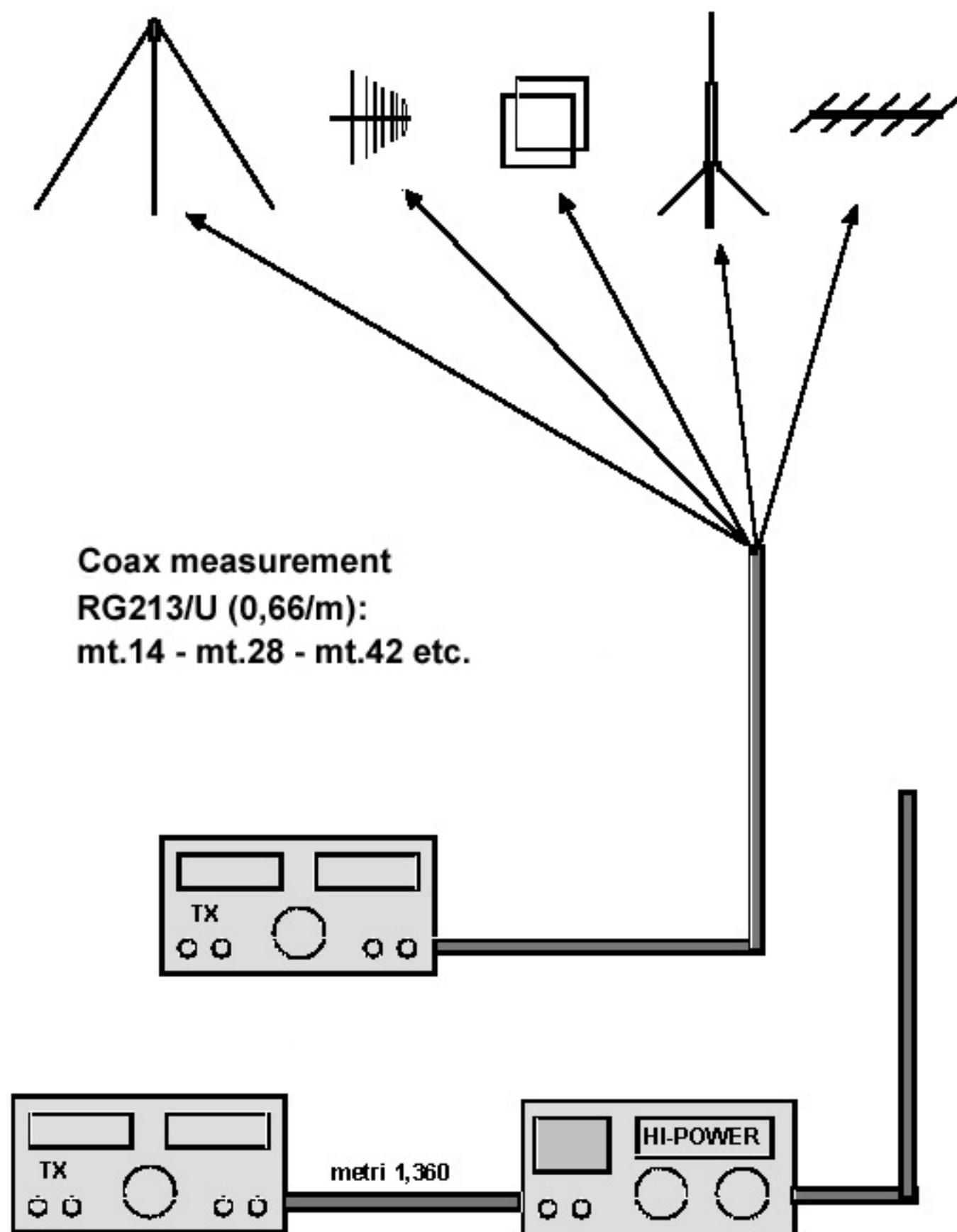
Radiation pattern without 1:1 Balun

Radiation pattern with 1:1 Balun



PKW Antenna System

Antenna feedline



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