



## PRODUCT SUMMARY

The **MMN 2K5** is part of the Manual range of Matching networks manufactured by Coaxial Power Systems Ltd.

The manual matching network consists of two adjustable air vane capacitors and a fixed inductor, which are usually arranged as an "L" network. (The arrangement can be simply converted to a "Pi" network if required).

Geared drives with numbered dials are used to adjust the capacitors for minimum reflected power as displayed on the generator reflected power meter. When the reflected power is zero, the system is "tuned" and all of the power output of the generator is being fed to the load.



## MAIN FEATURES

- Robust analogue design.
- Totally air-cooled.
- Manual Tuning via Tune/Load dial controls.
- Reduction drives for improved accuracy.
- Compact (ideal for restricted rack space).
- Size: 450mm(D) x 470mm(W) x 220mm(H).
- 380KHz, 13.56MHz, 27.12MHz and 40.68MHz frequencies as standard.

(Non-standard frequencies are available - please contact factory for details).

## WHATS INCLUDED

All of our MMN 2K5 (0-2,500W) matching networks include:

- MMN 2K5 (0-2,500W) Matching Network.
- Instruction Manual.
- Rack-mount kit (if required).

Please note that ALL of our equipment can be purchased as a **Package** which includes the **RF Generator**, the **Matching Network** and if applicable the **AMN Controller** and **Coolant System** also.

## WARRANTY

All of our equipment is covered by a 1-year 'return to base' warranty.

Please note we now offer 24-month warranties on all of our products as an option.

This warranty covers parts and labour costs involved in a possible repair.

Requested modifications that differ from original quoted specification are chargeable and may affect warranty conditions.



**Matching network configuration options**

1. L
2. Pi
3. T

^ Supplied configured as 'L' unless specified otherwise at time of order

**Input Connector**

7/16 type

**Output connection outlet**

Direct 'bolt on'.

^ Other types available - consult factory.

**Input impedance**

50Ω.

**Output impedance range**

'L' network 0.5 - 20 ohms

'Pi' network 10 - 200 ohms.

^ phase shift: 0 +/- 160

**Capacitors**

Load = Vacuum capacitor.

Tune = Vacuum Capacitor.

**Inductor**

Water cooled fixed inductor

**Capacitor Drives**

Dial with scale marked 0-100 in 1800 gear reduction ratio, 6:1 approx

**Case Material**

Electro less Nickel Plated Aluminium.

**Style**

Free Standing

^ other options are available - consult factory.

**Cooling**

Water

**Water in/out connectors**

Brass, 10mm swagelock fittings

**Size**

Size 450mm(D) x 470mm(W) x 220mm(H)

**Weight**

7 kg

