

OPERATION MANUAL

YONUSA K156L | Kit of 5 Posts for a 6-Line Electric Fence

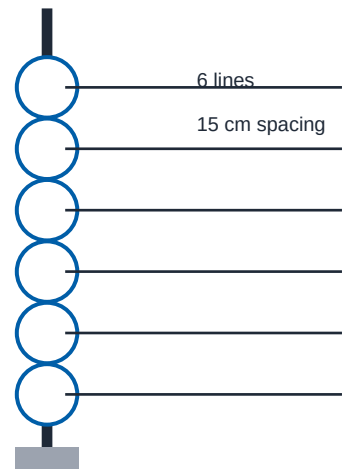
Model K156L

TVC Code: YON1260001 | Brand: YONUSA | Warranty: 12 months

Kit Contents

- 5 steel posts, 3/4 profile
- Height: 1.20 m
- 6 pass-through insulators per post
- Capacity: up to 6 lines
- Line spacing: 15 cm
- Color: black

1.20 m Post



1. Product Description

The YONUSA K156L is a post kit for electric-fence perimeter security. The five steel posts include six pass-through insulators each, allowing installation of up to six wire lines with 15 cm spacing. The system is intended to operate as part of an electric fence connected to an energizer.

2. Applications Published by TVC

- Luxury residential: perimeter walls where both appearance and security are desired.
- Industrial and warehouses: protection of industrial facilities and maneuvering yards.
- Commercial: security for shopping-center rooftops and private parking areas.
- Infrastructure: protection of communication antennas and electrical substations.

Important:

TVC en Línea publishes a technical data sheet for the K156L, but it does not provide a separate operation manual. The following pages are a practical installation and use guide based on the published kit characteristics and general good practices for electric-fence installation.

KIT INSTALLATION

Practical guide for installing the posts and fence lines

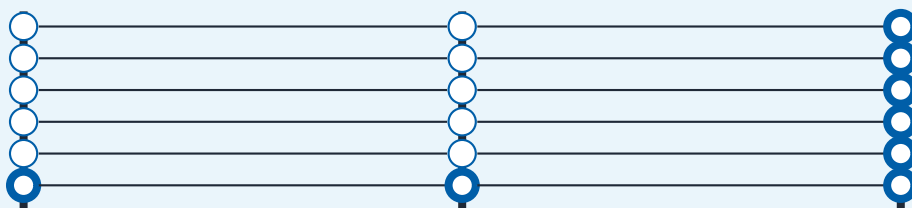
3. Before Installation

- Completely de-energize the fence energizer before beginning any work.
- Check the perimeter route and determine the location of the five posts.
- Confirm that the structure where the posts will be mounted is firm and suitable for supporting the system.
- Verify that all six insulators on each post are complete, aligned, and free of visible damage.

4. General Installation Procedure

1. Place the first post at the starting point of the run. Keep it vertical and secure it firmly to the mounting surface.
2. Install the remaining posts along the perimeter line. Keep the posts uniformly aligned.
3. Use the six pass-through insulators on each post to define the six fence lines.
4. Maintain approximately 15 cm between lines, according to the kit configuration.
5. Run the fence wire through each insulator without forcing or damaging the insulating material.
6. Tension the lines evenly. Avoid excessive tension that could deform the posts or insulators.
7. Connect the lines to the electrical system only according to the wiring diagram and instructions for the energizer being used.
8. Before energizing, verify that no wire is touching the metal post, wall, or any other conductive surface directly.

Conceptual Post Configuration



Six wire lines guided through pass-through insulators

OPERATION, INSPECTION AND SAFETY

YONUSA K156L

5. Putting the System into Operation

- After completing the physical installation, confirm that all lines are properly seated in their insulators.
- Check that no branches, metal objects, excessive moisture, or other elements are contacting the fence lines.
- Energize the system following only the operating instructions for the energizer connected to the fence.
- Verify that the fence operates without unintended arcing, false alarms, or direct contact between the wire and the posts.

6. Inspection and Maintenance

- Periodically check that the posts remain vertical and securely fastened.
- Verify that the insulators remain complete, clean, and free from cracks.
- Check line tension and correct any looseness.
- Remove vegetation or objects that may contact the energized wire.
- If a post or insulator is damaged, de-energize the system before replacing it.

7. Safety Recommendations

- Never make adjustments while the energizer is switched on.
- Do not touch energized lines or allow unauthorized personnel to handle the system.
- Use appropriate warning signs in areas accessible to people.
- The energizer, grounding system, and electrical connections must be installed according to the energizer manufacturer's specific instructions.
- If the system shows abnormal discharges, continuous arcing, or false alarms, de-energize it and inspect the installation before using it again.

8. Kit Technical Data

Post profile	3/4 steel tube
Height	1.20 meters
Insulators	6 pass-through insulators per post
Capacity	Up to 6 lines
Line spacing	15 cm
Color	Black
Contents	5 posts with 6 insulators each