



**INVELCO S.A.**  
**INVESTIGACIONES ELECTRONICAS Y COMUNICACIONES**

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COUPLER FOR VERTICAL ANTENNAS IN  
THE RANGE OF 1.6 A 30 MHZ. PREPARED  
FOR OUTDOORS.  
IT WORKS SIMULTANEOUSLY IN ONE  
PRE-TUNED FREQUENCY.

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ONE COUPLE FREQUENCY



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## COUPLER FOR VERTICAL ANTENNA MODEL AC-160-C

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### **IMPORTANT SPECIFICATIONS :**

- **ONE COUPLING FREQUENCY.**
- RANGE 1.6 TO 30 MHZ.
- OPERATING POWER 4 KW.
- INPUT IMPEDANCE 50 OHMS.
- PREPARED FOR OUTDOORS.

Spanish  
Production



## TECHNICAL CHARACTERISTICS OF THE COUPLER FOR VERTICAL ANTENNA

### MODEL AC-160-C

#### TECHNICAL SPECIFICATIONS

Frequency range .....	1.6 to 30 MHz.
Coupled frequency .....	One input of 50 Ohm.
Operating possibility .....	One frequency.
Input impedance .....	50 Ohms.
Input connector .....	7/16 H panel.
Output connector .....	AT special insulator.
Operating power .....	4KW.
Type of tune .....	Fixed in the determined frequency.
Bandwidth .....	Approximate 40 KHz.
Maximum input ROE .....	2:1 to any frequency typical 1.25:1
Fabrication .....	Outdoor watertight and thermally insulated.
Tune times .....	None once tuned.
Working temperature .....	-50 °C to +85 °C.
Relative humidity .....	95%
Dimensions :	
Width .....	80 cm.
Depth .....	40 cm.
Height .....	100 cm.
Approximate weight .....	115 Kg.
Anchorage .....	4 screws 8*90
Finish .....	Brown textured colour.