

**Company Name:** ALCAD, S.L.  
**Company Address:** Pol. Ind. Arreche-Ugalde, 1  
 Apdo. 455, **20305 IRÚN** (Guipúzcoa), **SPAIN**



declares that the product

**Model Number(s):** NEO-088  
**Product Description:** TV ANTENNAS UHF BAND  
**Product Option(s):** INCLUDING ALL OPTIONS  
**is in conformity with:** Safety: EN 60728-11:2012

# 900

ANTENAS TV BANDA UHF  
 TV ANTENNAS UHF BAND  
 ANTENNES TV BANDE UHF



The product herewith complies with the requirements of the Low Voltage Directive 2006/95/EC and the EMC Directive 2004/108/EC.

**Supplementary Information:** To comply with these directives, do not use the products without covers and operate the system as specified.

Xabier Isasa  
 Irún(SPAIN), 29 April 2014 General Manager

Especificaciones sujetas a modificación sin previo aviso  
 Specifications subject to modifications without prior notice  
 Les spécifications sont soumises à de possible modifications sans avis préalable



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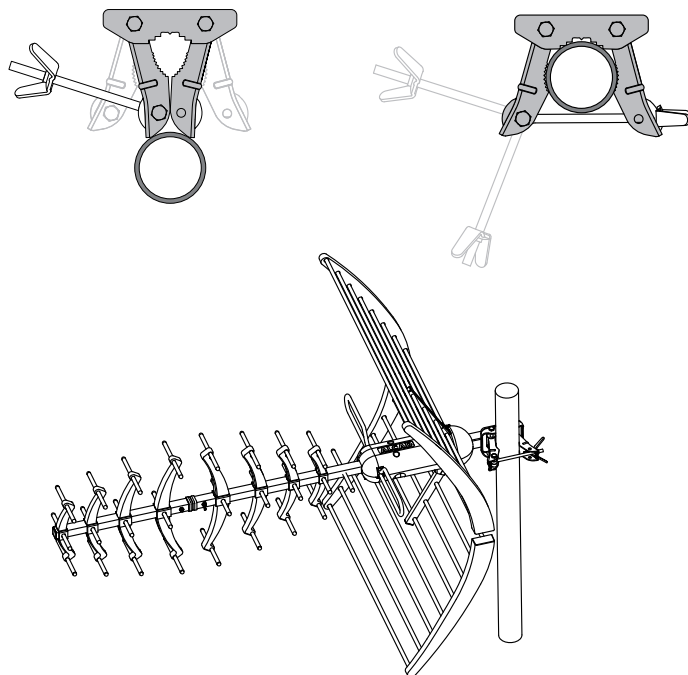
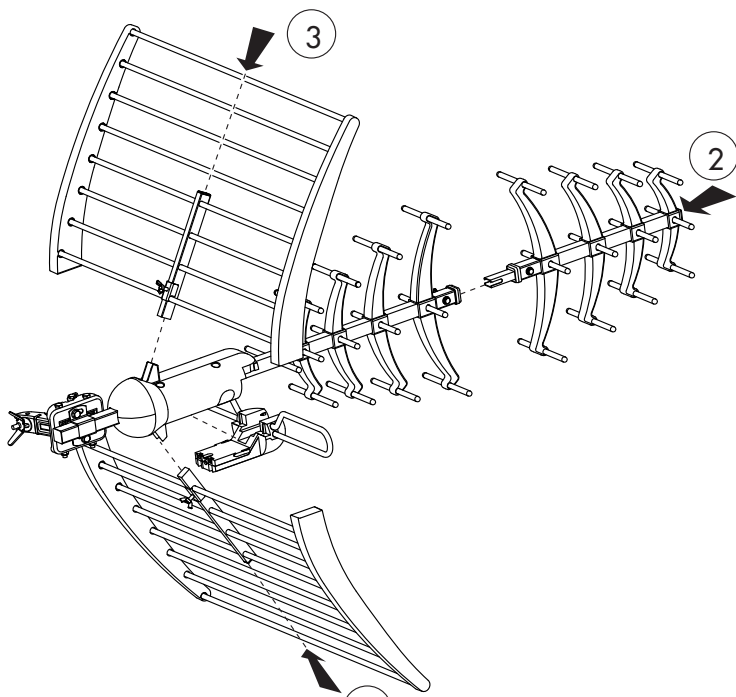
Cod. 2637820 - Rev. 01



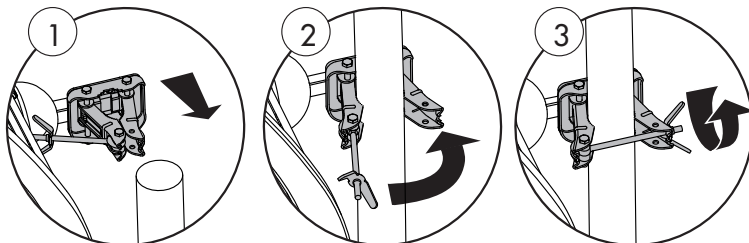
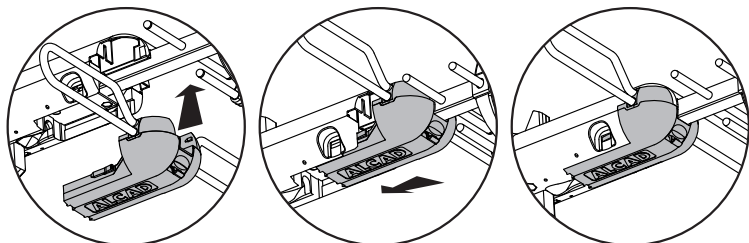
**NEOHD**  
 THE HIGHEST GAIN

## CÓMO MONTAR LA ANTENA NEO-088 HOW TO MOUNT THE ANTENNA NEO-088 COMMENT MONTER L'ANTENNE NEO-088

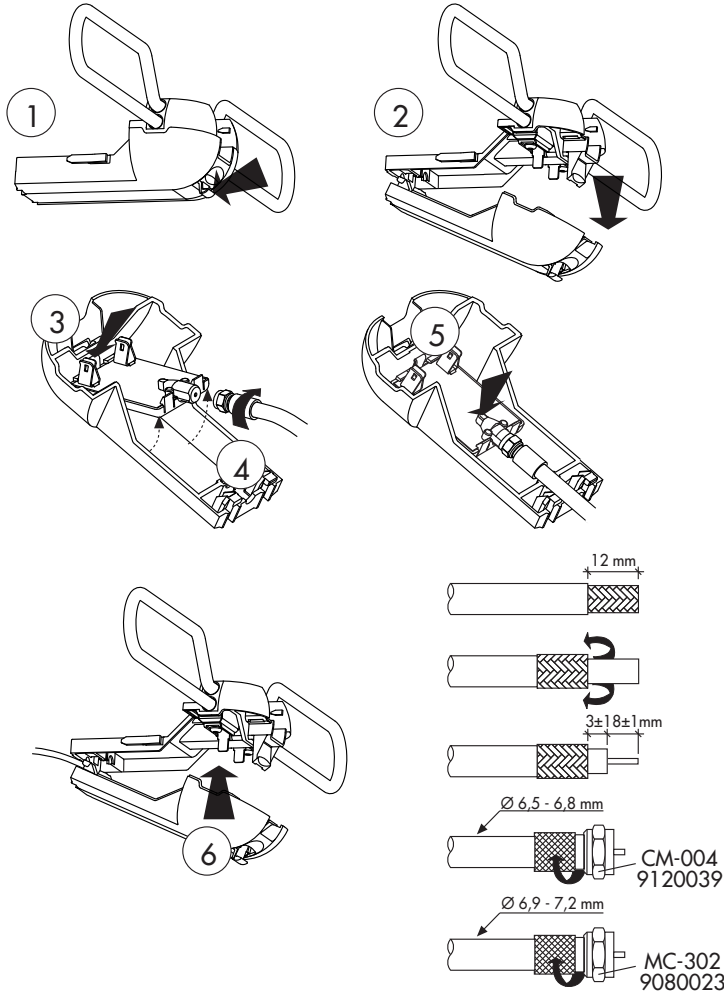
## CÓMO FIJAR LA ANTENA AL MÁSTIL HOW TO ATTACH THE ANTENNA TO THE MAST COMMENT FIXER L'ANTENNE AU MÂT



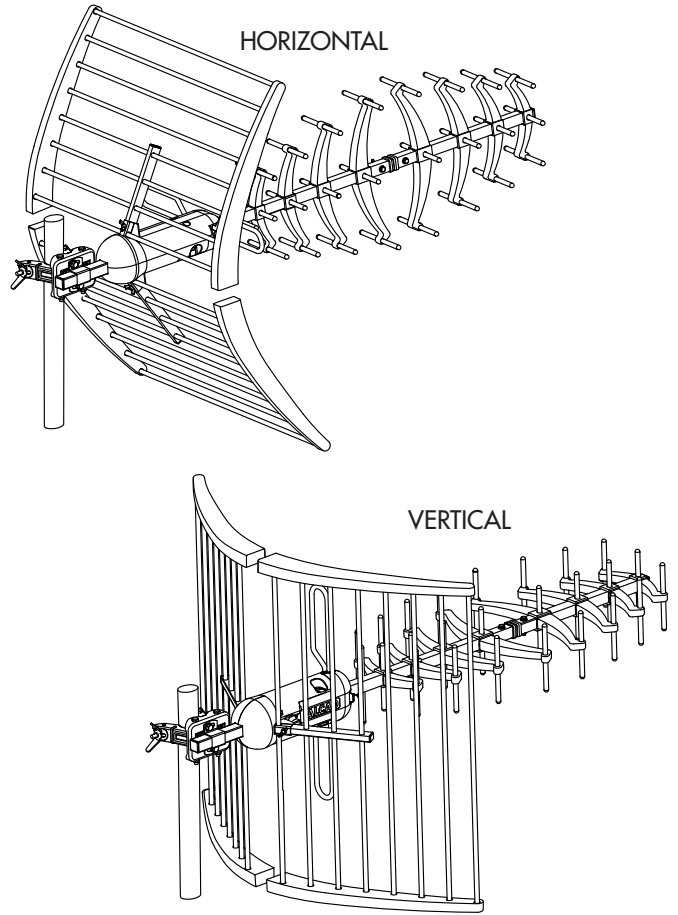
**1** Cómo montar la caja del simetrizador  
 How to mount the matching transformer  
 Comment monter le boîtier du symétriseur



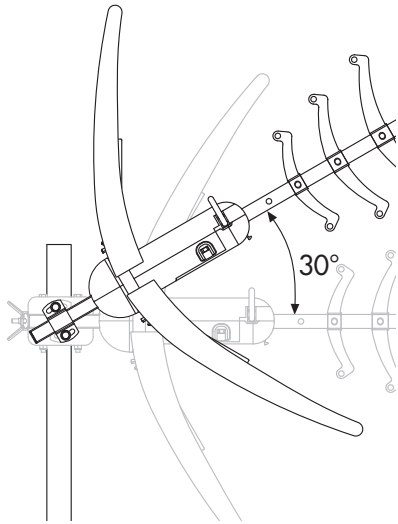
**CÓMO CONECTAR EL CABLE COAXIAL EN LA CAJA DEL SIMETRIZADOR**  
**HOW TO CONNECT THE COAXIAL CABLE TO THE MATCHING TRANSFORMER**  
**COMMENT RELIER LE CABLE COAXIAL DANS LE BOÎTIER DU SYMÉTRISEUR**



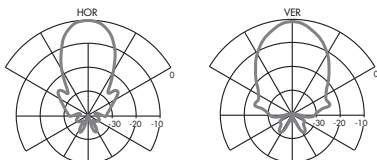
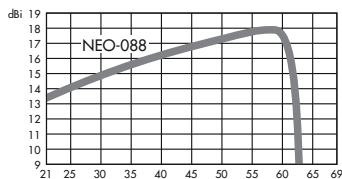
**MONTAJE DE LA POLARIDAD HORIZONTAL O VERTICAL**  
**MOUNTING IN EITHER HORIZONTAL OR VERTICAL POLARITY**  
**MONTAGE EN HORIZONTAL OU VERTICAL**



**AJUSTE DEL ÁNGULO DE ELEVACIÓN**  
**ELEVATION ANGLE ADJUSTMENT**  
**RÉGLAGE DE L'ANGLE D'ÉLEVATION**



**CURVA DE GANANCIA Y DIAGRAMAS DE RADIACIÓN**  
**GAIN AND RADIATION GRAPHICS**  
**COURBE DU GAIN ET DIAGRAMME DE RAYONNEMENT**



CÓDIGO-CODE-CODE		9000188
MODELO-MODEL-MODELE		NEO-088
Rango de frecuencias Frequency range Gamme de fréquences	MHz	470-790
Canales Channels Canaux		21-60
Ganancia Gain Gain	dBi	18
Relación delante/detrás Front/back ratio Rapport avant/arriere	dB	32
Impedancia Impedance Impédance	Ω	75
Pérdidas de retorno Return loss Pertes de retour	dB	≥ 10
Polarización Polarity Polarisation		HOR / VER
Ángulo de apertura Beam width Angle d'ouverture	° H	30
	° V	28
Longitud Length Longueur	mm	1160
Resistencia al viento Wind loading Résistance au vent	N	125
	V	95
Índice de protección Protection index Indice de protection		IP 55

Todas las antenas incorporan simetrizador.  
 All antennas supplied with matching transformer.  
 Toutes les antennes ont un symétriseur.