



# NEOHD

THE GREATEST GAIN





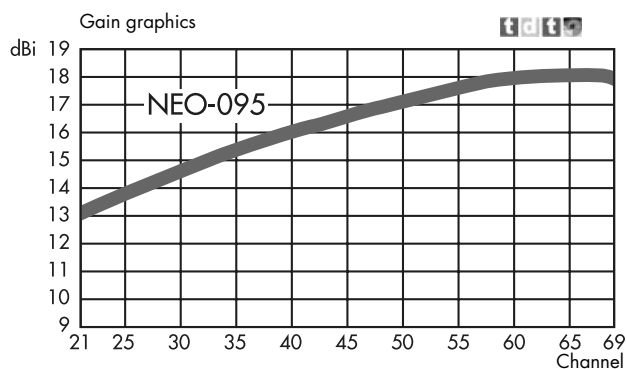
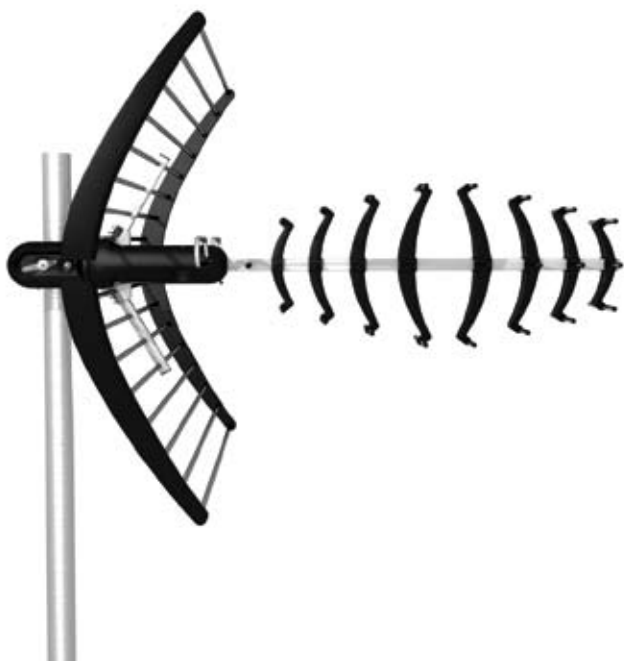


# NEOHD

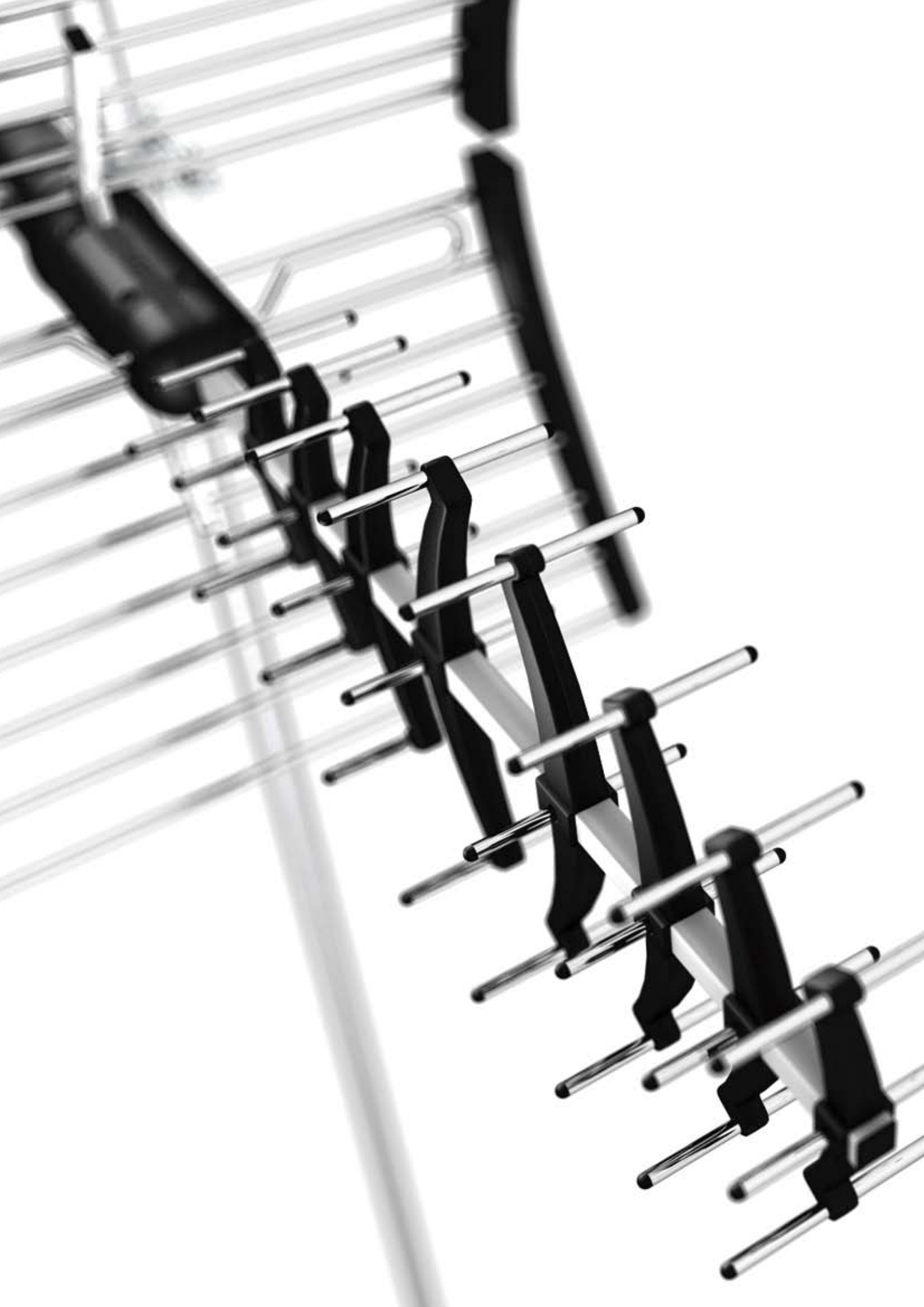
ALCAD is proud to present its new NEOHD antenna, designed for optimal reception of DTT channels, with 18 dBi gain, the largest on the market for DTT channels, and with important mechanical improvements,

## THE GREATEST GAIN

making it easy to mount and adjust, providing maximum robustness, and ensuring safety of installation. All this with an appealing design perfectly reflecting the excellent electrical and mechanical qualities of the antenna.



GAIN SPECIALLY ADAPTED TO DTT CHANNELS



# NO TOOLS REQUIRED



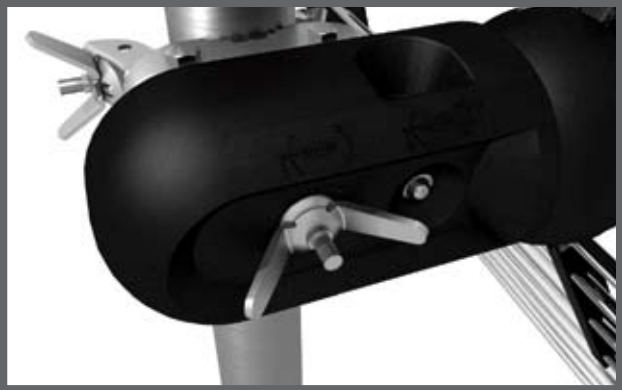
## PRE-FIXING TO THE MAST

New spring-loaded clamp system for attaching to the mast. This new fastening system makes it easier than ever to attach the antenna to the mast, greatly reducing the work involved while making the installer's task easier and ensuring a sturdy installation.



## POINTING

Simplified pointing system with the antenna already fastened to the mast, especially designed to enable pointing the antenna within a range of 0° to 30° with a simple movement and using a single hand.



## CHANGING POLARISATION

System for changing the polarisation without disassembling the antenna from the mast. By simply pressing a button and loosening the wing-nut, you can turn the antenna without having to undo the installation.



## FRONT TO BACK RATIO

New design providing an excellent front to back ratio for the rejection of undesired signals.



## DIPOLE WATERTIGHTNESS

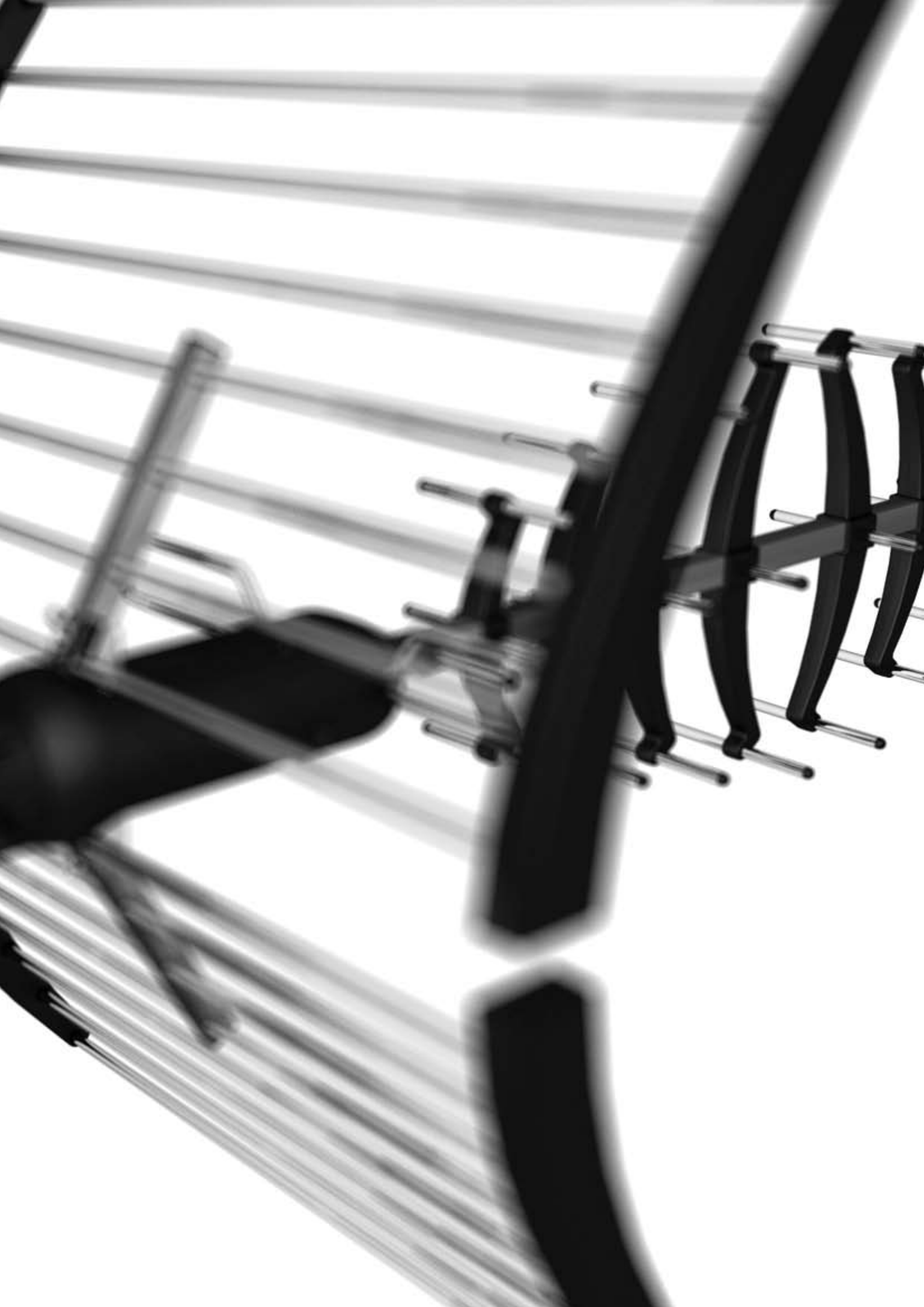
Newly designed casing of the matching transformer for increased protection against rain (IP55).



## FRONT FIXING

System of front-fixing reflectors for greater ease of assembly.



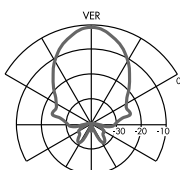
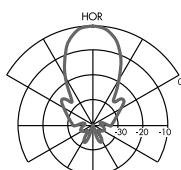


# TECHNICAL FEATURES

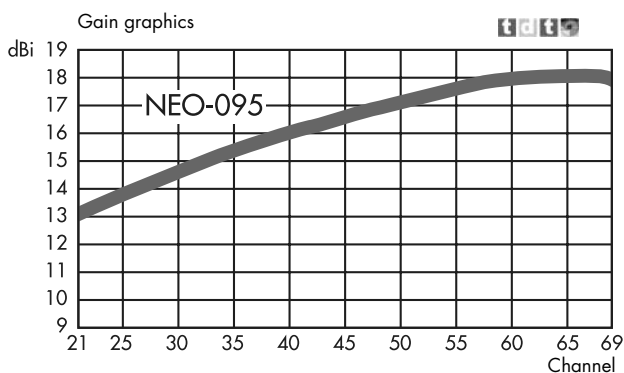
MODEL NEO-095

CODE 9000195

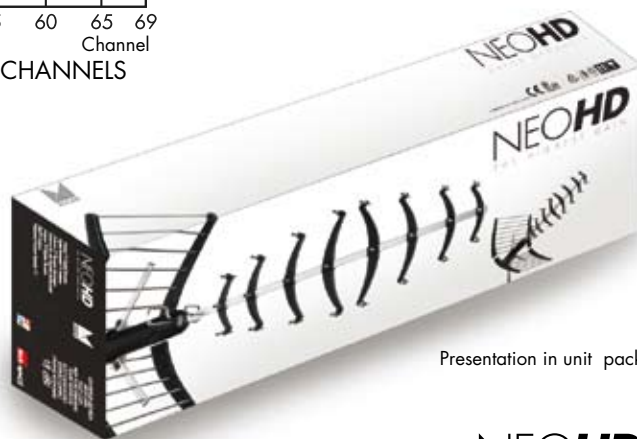
Frequency range:	MHz	470 - 862
Channels:		21 - 69
Gain:	dBi	18
Front / back ratio:	dB	32
Impedance:	$\Omega$	75
Return loss:	dB	> 10
Polarity:		HOR/VER
Beam width:	$^{\circ}$	30° H - 28° V
Length:	mm	1.160
Wind loading:	N	(130H 100V)
Protection index:	IP	55



Radiation graphics



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Presentation in unit pack

[www.alcad.net](http://www.alcad.net)



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