

# Digital Video Broadcast Terrestrial Amplifier



For use in DVB-T Transmitters as driver for High Power Amplifiers or as stand alone Gap Filler.  
Adjustment by built-in attenuator and level monitors.

Wide band coverage VHF to UHF

Channel filter or low pass filters as options.

High dynamic range, high P1dB

Optional external Power Amplifier

# SPECIFICATIONS

## For DVB-T Amplifier Unit

Model No.:	5508
Frequency range: IN/OUT	30 – 1000 MHz
Input range: (1W output RMS)	-6dBm to +6dBm RMS
Input attenuator	0-15dB/0,5dB Step
Amplitude flatness:	±1dB
Noise figure Amplifier:	<4dB NF
Output Power RMS (DVB-T):	1 Watt
Shoulder height:	>40dB
Output Power P 1dB:	10 Watt
Output Monitor option:	0 dBm
SWR input/output (50 Ω):	<1.5:1
Power Supply: -AC power:	85-264V @50 - 60 Hz
Power Factor @230V	0.99
Max power consumption: -AC	100V/A
Data format	RS232/ASCII
Connectors: -RF input/output (Option) -Power AC in -Power AC out for PA -RS232	N sockets IEC plug IEC jack Sub-D 9pol
Dimensions: -Width: -Depth: -Height:	482.5mm 400mm 88mm
Temperature: -Operating -Storage	5 to 45°C -20 to 90°C
Colour: -standard	Natural Elox
Options: -Output BP Filter -Low pass Filter -External PA -Information Display	-1dB ±4MHz Specify frequency 15 to 60Watt RMS DVB-T
PA Control on/off (adjustable carrier level)	0dBm

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Comm-connect reserve the rights to amend prices and specifications without prior notice.

**COMM-connect**  
**Sigerslevøestervej 11**  
**DK-3600 Frederikssund**  
**Denmark**

**Phone: +45 48 28 82 82**

**Fax.: +45 48 28 82 66**

**E-mail: sales@comm-connect.com**

**WEB: <http://www.comm-connect.com>**

