

NEXUM DVB-T/H Series

AGC Channel amplifier suitable for channel amplification of the DTT multiplex in MATV systems. The Nexum DVB-T / H series allows operation in adjacent channel, both in VHF and UHF.

APPLICATION

Medium- to large-sized community digital and analogue TV installations located in poor reception areas with big level differences between channels.

CHARACTERISTICS

- Exceptional selectivity and high output level.
- Constant Output Level within the Input Operative Range, maintaining the quality of the signal.
- High shielding degree, metal chassi (zamak) with "F" connectors.
- Modular design that allows channel configuration according to installation needs.
- Easy to set-up due to its system of splitting at input and combining at output.



 1 VERY SIMPLE SET UP	 2 NO SERVICE INTERRUPTIONS	 3 QUICK INSTALLATION	 4 AUTOMATIC ADAPTATION TO WEAK OR STRONG SIGNALS
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Supply voltage	24 Vdc
Current drawn	125 mA
Operating temperature range	0 ÷ 50° C

MODEL		NEX 645
Reference		34121...69
Channels		21...69
Max. output level (DIN K)	dBµV	125
Max. COFDM output level	dBµV	118 IMD3 -35 dB
Gain	dB	53
Manual output regulation	dB	20
Operative input range	dBµV	65...95
Min. input level	dBµV	45
Bandwidth	MHz	8
Selectivity	dB	30 fc N ± 8 MHz 60 fc N ± 16 MHz 70 fc N ± 24 MHz
Return losses	dB	9
Noise figure	dB	11
Packing dimensions	mm	195 x 70 x 32
Weight	Kg	0,45

* MER OUT: 30 dB; MER IN 38 dB, OUT Level 75 ÷ 118 dBµV.

