




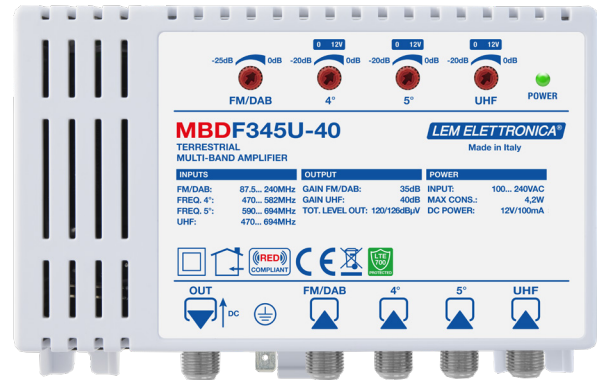


# MBDF345U-40

-  **Integrated 5G/4G filter**
-  **High-efficiency switching power supply**
-  **PIN diode input attenuators**
-  **Wall or DIN rail mounting**
-  **ABS enclosure class V0**



Multi-input indoor self-powered TV amplifier with low noise figure amplification. 4 inputs with adjustable gain and **self-restoring short-circuit protected tele powering**. Slope management of the output response curve.

**When ordering, it is possible to specify the last channel of the 4th and the first channel of the 5th.** The external dimensions of the MBD amplifiers are also suitable for installation in wall-mounted junction boxes.



MODEL		MBDF345U-40
N° INPUTS		4
INPUTS		FM/DAB - 4° - 5° - UHF
INPUT FM/DAB	MHz	87.5... 240
INPUT 4°	MHz	470... xxx
INPUT 5°	MHz	xxx ... 694
INPUT UHF	MHz	470... 694
LTE PROTECTION		LTE 700 (4G+5G)
GAIN FM/DAB	dB	35 (Adjustable 0... -25)
GAIN 4°	dB	40 (Adjustable 0... -20)
GAIN 5°	dB	40 (Adjustable 0... -20)
GAIN UHF	dB	40 (Adjustable 0... -20)
TOTAL MAXIMUM OUTPUT LEVEL DIN45004B	dBμV	120
TOTAL MAXIMUM OUTPUT LEVEL IM3 -35dBc	dBμV	126
NOISE FIGURE	dB	7
INPUT / OUTPUT RETURN LOSS	dB	>12
TOTAL INPUTS POWER SUPPLY		12V/ 100mA
POWERING RANGE		100... 240VAC 50/60Hz
MAXIMUM CONSUMPTION (w/o remote power supply)	W	3
MAXIMUM CONSUMPTION (with remote power supply)	W	4,2
OPERATING TEMPERATURE	°C	-10... +55
DIMENSIONS	mm	135 x 91 x 45

