




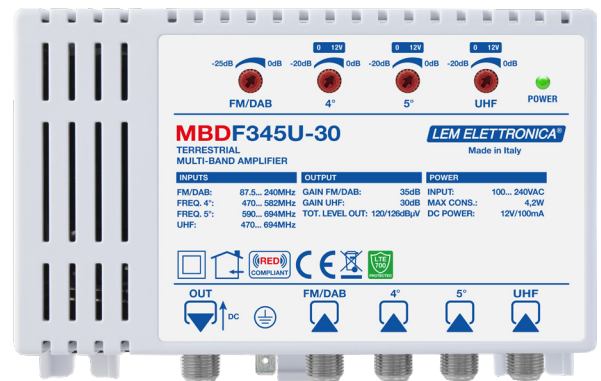


MBDF345U-30

-  **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-30
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	30 (Adjustable 0... -20)
GAIN 5°	dB	30 (Adjustable 0... -20)
GAIN UHF	dB	30 (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

