

Code: WSS-DELTA

MULTIBAND AMPLIFIER **WSS-DELTA** ProfiSETT TELMOR

WSS-DELTA is a professional multi-band amplifier. The amplifier allows to combine the signals from 2 UHF, 1 VHF/DAB and 1 FM antennas.

Thanks to the possibility of powering the preamplifiers, it is not necessary to use power inserters in the case of using active antennas. Each input signal is filtered according to the frequency range for a given input. UHF inputs are additionally filtered using 5G Protected technology. The device has an adjustment of the output level and slope of the combined signals.

The output signal can be passively distributed even over long distances or can be a signal source for a multiswitch.



Frequency range:	• 87 MHz ... 112 MHz - FM, • 170 MHz ... 240 MHz - VHF / DAB, • 470 MHz ... 694 MHz - UHF1, UHF2
Gain :	• 20 dB @ FM • 25 dB @ VHF / DAB • 35 dB @ UHF1, UHF2
Number of inputs/outputs:	4 / 1 + 1 (test, -30dB)
Pre-amplifiers powering:	12 / 24 V DC : 50 mA / VHF/DAB, UHF1, UHF2 input
Gain adjustment:	• 0 dB ... 20 dB (for single line) • 0 dB ... 20 dB (summed signal)
Cable loss correction:	0 dB ... 16 dB
Maximal output level DIN45004B:	115 dB μ V
Return loss:	> 10 dB
S/N ratio:	< 7 dB
Main features:	• ProfiSETT product series • DVB-T, DVB-T2, DAB, DAB+ compliance • Dual UHF input for installations requiring signal reception from different directions • 5G Protected Technology • Continuous gain adjustment • High isolation between inputs : > 35 dB • Gain adjustment and output equalization control • High level of shielding • Test point -30dB



DATA SHEET

Power supply:	12 V DC / 1.2 A (power adapter included)
Power consumption:	14.4 W (max)
Operation temp:	0 °C ... 50 °C
Weight:	0.42 kg
Dimensions:	190 x 135 x 52 mm
Manufacturer / Brand:	TELMOR
Guarantee:	2 years