

Multiband amplifier

WSS Delta

DVB T2



RoHS



WSS Delta is a professional multiband amplifier for use wherever the quality of the received TV and radio signals is important. It allows to combine the signals from 2 UHF, VHF and 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) and then amplified with low-noise preamplifiers. Due to the dedicated, continuously adjustable attenuators, you can set the optimal balance for the incoming signals. Then the signals are summed up and amplified again. The device has an adjustment of the output level and slope of the combined signals. Thus, correcting for cabling and passive signal losses can be effectively realized for most SMATV installations.

WSS Delta will be an ideal solution for a significant part of professional installations in single-family houses. The output signal can be passively distributed even over long distances or can be a signal source for a multiswitch.

Passive antennas such as TurboT 20, 30, V, V3, ASR or DiGiT series are recommended.

WSS Delta amplifier is the recommended product for professional installations based on ProfiSETT projects. The ProfiSETT product line is a quality guarantee for SMATV installations.

In the event of a significant difference in the levels of received signals, we recommend the use of multiband, channel amplifiers like WWK Alpha +.

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Key features and functionalities

- UHF, VHF, FM bandwidth amplifier
- Dual UHF input for installations requiring signal reception from different directions
- UHF - 35dB, VHF - 25dB, FM - 20 dB gain
- 5G Protected technology
- Smooth gain adjustment for all inputs
- Power supply of active VHF and UHF antennas - 12V or 24V
- High isolation between inputs
- Gain adjustment and output equalization control
- Professional F connectors
- High level of shielding
- ProfiSETT line product



TECHNICAL PARAMETERS

Name/ Parameters		WSS Delta		
		FM	VHF	UHF1, UHF2
Bandwidth	/	FM	VHF	UHF1, UHF2
Operating frequency range	MHz	87-112	170-240	470-694
Gain	dB	20	25	35
Single line gain adjustment	dB	20	20	20
Summed signal gain adjustment	dB	20		
Equalization	dB	0-16		
Separation between inputs	dB	>35dB		
Inputs mismatch attenuation	dB	>10	>10	>10
Nosie figure	dB	<7	-	-
Max output level (DIM 45004B)	dBμV	115	115	115
Antenna preamplifiers power supply	V/mA	-	12V/50, 24V/50	
Working temperature	°C	0..+50		
Power supply	VDC	12V/1A		
Dimension	mm	110 x 190 x 48		
Net weight	kg	0,3		
Package	/	box		

Technical parameters are subject to change without prior notice.

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