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## 4-Way 47-862 MHz Active Combiner

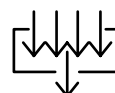
Application in large ClassA headends where the modules are mounted in rack-frames



Multiple input signals



Output level adjustment



Sum of the combined signals

**AMX-400 Multiplexor**

## Main features

- Application in large ClassA headends where the modules (processors, receivers, transmodulators, modulators, regenerators) are mounted in several deck-arranged rack-frames or baseplates. The AMX-400 is a 4-input combiner that has been designed to combine up to 24 channels (6 channels per input).
- The system is expandable, so that it is possible to combine up to 96 channels by using 4 AMX-400 and one final passive combiner (or another AMX at IMD decrease's expense).
- The sum of the combined signals is connected to the HPA launch amplifier.
- Total isolation between inputs.
- Net combining gain.
- Push-pull amplification technology.

MODEL		AMX-400
REF.		4433
No. of inputs	MHz	4
Frequency range	dB	45 -862
Response flatness	dB	±1.5
Gain	dB	7
IMD for 4x6 channels, 72 dBμV input level	dB	-75
Output variable attenuator	dB	0 - 10
Input and output return loss	dB	≥ 10
Output test	dB	-20 ±1
Supply voltage	VDC	+12
Consumption	mA	470
RF and test connectors		Female F
DC connectors		banana socket
Dimensions	mm	230 x 195 x 32

