ORTEC

ORTEC 533

Summing amplifier

Two independent wideband amplifiers for summing and inverting linear signals.



Amplifiers
2 [1]

Specifications

PERFORMANCE

Integral nonlinearity	<±0.05 %	[1]

MEASURING RANGE

Linear output range	0–±10 V	[1]

ELECTRONICS & SIGNAL

Amplifiers	2	[1]
Summing inputs	4 for A; 2 for B	[1]
Gain per input	−1; tolerance ≤±2 %	[1]
Bandwidth	DC–7 MHz	[1]
Input impedance	Approximately 666 Ω; DC-coupled	[1]

ENVIRONMENT & RATINGS

Gain temperature instability	≤±0.005 %/°C	[1]

GENERAL

Rise time	≤50 ns	[1]

Sources

[1] **533 Dual Sum and Invert Amplifier**
ORTEC (AMETEK) · datasheet · p. 1, description; p. 1, Specifications – Performance; p. 1, Outputs · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.