Structured Electronic Design

EE3C11
Amplifier Port Isolation

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Ground node

Safety ground: zero-voltage reference node

Signal ground: signal return path

May be shared by amplifier ports

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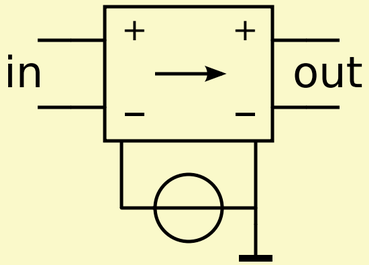
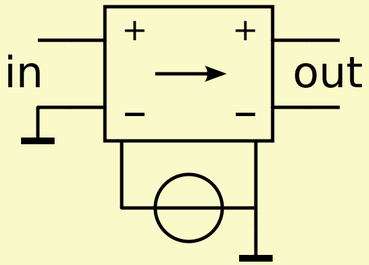
Port Isolation Configurations

differential receiver-driver



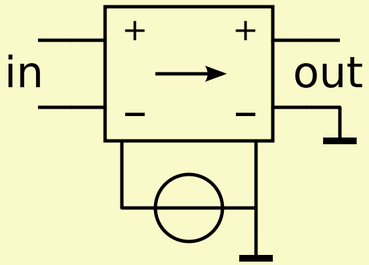
power supply

differential driver



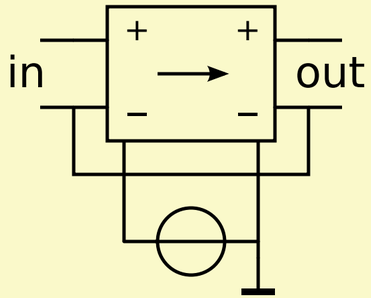
power supply

differential receiver or instrumentation amplifier



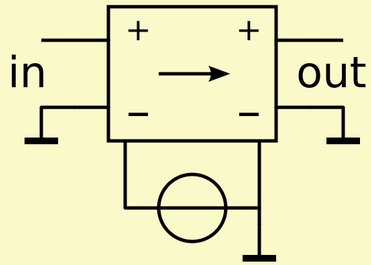
power supply

isolated power



power supply

common ground



power supply

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