

DOUG FLEENOR DESIGN

1 to 12 DMX/RDM Isolated Splitter

model: 1212-DIN, 1212-DIN-JBOX, 1212-DIN-JBOX-PS

technical data sheet



The 1212-DIN is a bi-directional DMX512/RDM isolated splitter with a fully isolated input. The twelve outputs are separately driven, but are not isolated from one another.

The splitter is ready to be mounted on a DIN rail (model 1212-DIN) for easy installation, or it can be purchased already installed in a standard junction box (model 1212-DIN-JBOX). A power supply can also be included in the junction box (model 1212-DIN-JBOX-PS).

The 1212-DIN is powered by a low voltage DC power source (9-24 VDC, 10W). Doug Fleenor Design offers a compatible power supply for the 1212-DIN (part number PSDIN-30W-24V), or power can be supplied by the user.

LED indicators are provided for power (red), and signal present (green).

SPECIFICATIONS: All specifications meet or exceed DMX512 requirements

Input circuit: Protected EIA-485 receiver (LT1785)

Input protection: Undamaged by up to 60 Volts continuous, 15KV transients

Input signal: DMX512, DMX512/1990, DMX512-A, or RDM

Signal connectors: Pluggable Phoenix terminal blocks: three 12-position for the outputs, one 3-position for the input

Termination: Input and all outputs are terminated per RDM specifications

Power input: 9-24 VDC, 10W, 2-position pluggable Phoenix terminal block

Indicators: Red POWER LED lights when unit is powered on
Green SIGNAL LED lights when DMX512 or RDM is present

Cooling: Convection cooling, no fan required

Isolation: DMX512/RDM input is optically isolated to 1,500 Volts.

Color: Black DIN rail tray with white circuit board

Size and weight: 1212-DIN: 2"H x 4.25"D x 6"W, 10 ounces
1212-DIN-JBOX: 12"H x 4"D x 12"W, 3 pounds
1212-DIN-JBOX-PS: 12"H x 4"D x 12"W, 3 pounds

Environmental: 0-40 °C (32-104 °F), 10-90% humidity, non-condensing

Mounting: DIN rail or junction box

Doug Fleenor Design, Inc.

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DOUG FLEENOR DESIGN

Limited Manufacturer's Warranty

Products manufactured by Doug Fleenor Design (DFD) carry a five-year parts and labor warranty against manufacturing defects. It is the customer's responsibility to return the product to DFD at the customer's expense. If covered under warranty, DFD will repair the unit and pay for return ground shipping. If a trip is necessary to the customer's site to solve a problem, the expenses of the trip must be paid by the customer.

This warranty covers manufacturing defects. It does not cover damage due to abuse, misuse, negligence, accident, alteration, or repair by other than by Doug Fleenor Design.

Most non-warranty repairs are made for a fixed \$50.00 fee, plus shipping.

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