

DOUG FLEENOR DESIGN

1212 DMX/RDM Isolated Splitter

model: 1212-DIN, 1212-DIN-JBOX, 1212-DIN-JBOX-PS
technical data sheet



The 1212 is an economical bi-directional DMX512/RDM isolated splitter. These splitters have fully isolated inputs. 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 without an included power supply or 1212-DIN-JBOX-PS with an included power supply).

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

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:	2"h X 4.25"d X 6"w, 10 ounces
Environmental:	0-40 °C (32-104 °F), 10-90% humidity, non-condensing
Mounting:	DIN rail or junction box
Warranty:	Five years parts and labor. Products must be returned to Doug Fleenor Design for warranty repair. Shipping to Doug Fleenor Design is to be paid by the customer. Return ground freight is paid by Doug Fleenor Design. Warranty covers manufacturing defects.

Doug Fleenor Design, Inc.

396 Corbett Canyon Road
Arroyo Grande, CA 93420
(805) 481-9599 voice and FAX
(888) 4-DMX512 toll free (888) 436-9512
web site: <http://www.dfd.com>
e-mail: info@dfd.com