

# Martin DMX 5.3 Splitter



The Martin DMX 5.3 Splitter is the most economical protection for DMX controllers and devices. The main purpose of the Martin 5.3 Splitter is to maintain proper data over long or several runs of DMX signal. The Splitter boosts the weak DMX signal to its original output level before it becomes too low to be read from DMX devices. Disruption of DMX is often caused by bad cables or bad connections. The Martin DMX 5.3 Splitter will help to rectify the signal.

3-pin XLR Input and Outputs DMX Splitter / Booster

Opto-isolated DMX Output ports

Rack, truss and wall mountable

## GALLERY



## FEATURES

## TECHNICAL SPECIFICATIONS

### Physical

Depth: 125 mm (5.0 in.)  
Width: 220 mm (8.7 in.)  
Height: 45 mm (1.8 in.)  
Weight: 0.9 kg (2.0 lbs.)

### Data signal

DMX: ANSI E1.11 (USITT DMX 512-A)  
Electrical standard: EIA-485  
Recommended cable type: STP (Shielded Twisted Pair)  
Recommended cable gauge: 22 or 24 AWG

### Construction

Housing: Aluminum  
Finish: Electrostatic powder-coated

### Connections

Data input: 3-pin XLR male  
Data throughput (not amplified or branched): 3-pin XLR female  
Data outputs (optically isolated and amplified): 5 x 3-pin XLR female  
AC power input: 1.2 m cable tail with US-type (NEMA-5-15) power plug

### Electrical

AC power: 100-240 V nominal, 50/60 Hz  
Power supply unit: Auto-ranging electronic switch-mode  
Typical total power consumption: 4 W  
*Power consumption figures are typical, not maximum. Allow for +/-10% variation.:*

### Thermal

Maximum ambient temperature (Ta max.): 55° C  
Minimum ambient temperature (Ta min.): -30° C

### Approvals

EU safety: EN 60950-1  
EU EMC: EN 55022, EN 55024, EN 55103-1, EN 55103-2  
US safety: UL 508  
US EMC: FCC Part 15 Class A  
Canadian safety: CAN/CSA C22.2 No. 14  
Canadian EMC: ICES-003 Class A  
Australia/NZ: C-TICK N4241

### Included Items

4 x screws to join two devices for rack mounting  
2 x L-brackets + 8 x screws for 19-inch rack mounting two Splitters (1U) or surface mounting  
1.2 m (3.9 ft.) hard-wired power cable with US-type (NEMA-5-15) plug

### Accessories

Half-coupler clamp: P/N 91602005  
G-clamp: P/N 91602003  
Quick trigger clamp: P/N 91602007  
Safety cable, safe working load 50 kg: P/N 91604003  
3-pin male XLR to 5-pin female XLR adaptor: P/N 11820004  
5-pin male XLR to male RJ-45 adapter: P/N 11840111  
5-pin female XLR to male RJ-45 adapter: P/N 11840112

Related Items  
Martin RDM 5.5 Splitter™: P/N 90758150  
Ordering Information  
Martin DMX 5.3 Splitter™: P/N 90758140

