

DSD6-DIN, 6 way DMX DIN splitter/booster

The DSD6-DIN device allows to split DMX line for control any electrical devices (lights, solenoids, etc.) from theatrical light desk via DMX line. Each channel of splitter is equipped with line driver and is optically isolated from input and other outputs up to 1000V.

DSD6-DIN takes a DMX signal and sends it out again on its 6 DMX output ports allowing a star-topology for efficient cable usage. Each output port is capable of driving 32 more devices. The Splitter can also function as a signal booster as each port supports another 300 meter long connection.



- **Snap-in screw terminals**
- **1x DMX IN/THRU**
- **6x DMX optically isolated, amplified**
- **LED indication of DMX line**
- **LED indication for Power supply**

DMX input/output

USITT DMX512, Input/outputs are protected by transil diodes and polyswitches.

DMX connector wiring:

1:	C	DMX common
2:	D-	DMX Data -
3:	D+	DMX Data +

Power supply:

DC 12-36V, 160mA
AC 12-24V, 160mA

Dimensions: 111x96x59mm, 6 module DIN plastic box

Temperature of use: -30...45°C

Device use:

Use DC12-25V power supply for power of DSD6-DIN. Connect incoming DMX signals to the DMX IN/THRU terminals. Amplified and optically isolated outputs are located on bottom side of device – marked as 1-6. Outputs are protected and short circuit proof. DATA indication is active when incoming DMX is active.

AC/DC 12-25V max: 7W		 www.srslight.com	 In Thru D+ D- C D+ D- C	
 Optically isolated outputs			DSD6-DIN DMX booster/splitter	
1	2	3	4	5
C D- D+	C D- D+	C D- D+	C D- D+	C D- D+
Optically isolated outputs			Optically isolated outputs	

Sample of system schematics:

