

PROJECT	FIRM	ORDER #	TYPE	QTY
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**PL-SPL 26** is a 6-output DMX splitter and signal booster designed to enhance and expand your DMX control system. It takes an incoming DMX signal and distributes it across **six independent output channels**, effectively multiplying the number of devices controlled from a single DMX line while maintaining full signal strength.

Optically isolated inputs and outputs with an independent coil transformer on each output ensure electrical isolation, signal boosting and stability — refined, filtered data transmission for reliable and precise signal delivery.

Designed in Europe and assembled in the UAE — high-quality engineering with precision manufacturing for reliable performance.

## Features

- 6-way DMX splitter / booster — expands DMX connectivity while maintaining signal strength.
- Optically isolated DMX inputs and outputs — electrical isolation for improved safety and performance.
- Independent coil transformer for each output — signal boosting and stability.
- Refined and filtered data transmission — reliable and precise signal delivery.
- Versatile mounting: surface, rack, floor or ceiling installation with included accessories.
- An excellent solution for professional DMX systems requiring robust performance and flexibility.

## At a glance

<p>⚡ <b>Power</b> 230 V AC, 4.5 W max</p>	<p>🔹 <b>Protection</b> IP20, interior</p>	<p>☰ <b>Output</b> 6 × DMX outputs</p>	<p>🌡️ <b>Temperature</b> -10 °C to +50 °C</p>	<p>✦ <b>Certification</b> CE</p>	<p>★ <b>Warranty</b> 5 years</p>
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## Interface matrix

Physical interfaces and their capabilities. All DMX inputs and outputs are optically isolated.

Interface	Qty	Connector	Type	Isolation	Boost	Notes
DMX IN	1	3-pin XLR	DMX512	Optical	—	Signal input
DMX OUT	6	3-pin XLR	DMX512	Optical	Coil transformer	Independent channels
Power	1	Pre-connected cable	230 V AC	—	—	3-core 0.75 mm <sup>2</sup>

## Specifications

<b>Series</b>	DMX Splitter / Booster
<b>Product code</b>	PL-SPL 26
<b>Function</b>	6-output DMX splitter and signal booster
<b>Data input</b>	1 × 3-pin XLR connector
<b>Data output</b>	6 × 3-pin XLR connectors — independent output channels
<b>Isolation</b>	Optically isolated DMX inputs and outputs
<b>Signal boosting</b>	Independent coil transformer for each output
<b>Transmission</b>	Refined and filtered — reliable and precise signal delivery
<b>Protocol</b>	DMX512
<b>Input voltage</b>	230 V AC via pre-connected 3-core 0.75 mm <sup>2</sup> cable
<b>Power consumption</b>	4.5 W max
<b>Mounting</b>	Surface, rack, floor or ceiling — accessories included
<b>Dimensions</b>	L 343 mm × H 123 mm × D 46 mm
<b>Weight</b>	1.5 kg (3.3 lb)
<b>Housing</b>	MS / Aluminium
<b>Connector / cable</b>	3-core 0.75 mm <sup>2</sup> cable
<b>Operating temperature</b>	-10 °C to +50 °C
<b>Storage temperature</b>	-20 °C to +70 °C
<b>Environment</b>	IP20 — interior application
<b>Certification</b>	CE
<b>Applications</b>	Professional DMX systems · stage · architectural lighting
<b>Origin / warranty</b>	Designed in Europe, assembled in the UAE · 5 years

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## Dimensions

### Front panel



### Enclosure

L 343 mm × H 123 mm × D 46 mm;  
weight 1.5 kg (3.3 lb).

MS / aluminium enclosure. Surface,  
rack, floor or ceiling mountable with  
the included accessories. IP20 —  
interior application only.

## Connections

### DMX input & power

- 1 × 3-pin XLR DMX input, optically isolated from all outputs.
- Power: 230 V AC through the pre-connected 3-core 0.75 mm<sup>2</sup> cable, 4.5 W max.

### DMX outputs

- 6 × 3-pin XLR outputs — each an independent, optically isolated channel with its own coil transformer.
- Each output drives a full DMX line, multiplying the number of fixtures controlled from a single incoming signal.

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## Configure your product

PL-SPL 26 is a single-model product — order by product code. Mounting accessories are included.

Model	Configuration	Model	Configuration
PL-SPL 26	6-output DMX splitter & booster	—	Custom specification on request

### Example product codes

**PL-SPL 26** Six Output DMX Splitter & Booster

## Signal path & integrity

The incoming DMX signal is optically isolated, refined and filtered, then boosted through an independent coil transformer on each of the six output channels — faults on one line cannot propagate to the others.

### Signal map

Stage	Element	Notes
Input	1 × 3-pin XLR	Optically isolated
Processing	Refine & filter	Precise signal delivery
Output	6 × coil transformers	Boosted, independent lines

One DMX input distributed across six fully isolated, boosted output channels.

### Notes

- Optical isolation prevents faults on one DMX line from affecting the others.
- IP20 — interior application only; do not expose to moisture.
- Designed in Europe, assembled in the UAE.