

Tech Data

PRESS SPLITTERS

SPP

Several Formats
1 Input - 12 Outputs



Description

- **1 XLR-F** balanced by transformer input at line level.
- **1 XLR-M** output for *Link*.
- **12 XLR-M** insulated by transformer outputs.
- High Quality transformer providing high CMRR (*) (90 dB@1KHz).

(*) Common Mode Rejection Ratio

Description

- The **Passive Press Splitter** is made up of **1 line level input + 1 line level link output and 12-line level outputs**.
- This Passive Splitter with 12 outputs is a device which makes possible the distribution of a signal line level into **12 isolated by transformer outputs** available for press.
- This splitter works with line-level signal.
- Formats: AR, Flight case, MF box and WR box.
- This **Pinanson splitter** has a highly good frequency response (deviation in 20Hz-20 KHz of ± 0.8 dB) and very high CMRR (90 dB).

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Applications

For **Press Room** when splitting **1 Line Audio input** signal into **12 insulated by transformers**, identical outputs and 1 link output, is needed.

Tech Specifications

Max. Input Level	50 Hz, THD+N = 0.4%	+ 8 dBu
	1 KHz, THD+N = 1%	+26 dBu
Source impedance <i>(Balanced)</i>	150Ω	
Load Impedance <i>(Balanced)</i>	>1KΩ	
Insertion Loss <i>(Balanced Input/Outputs)</i>	With load (12 outputs): Line input impedance 10 KΩ Total insertion loss -0.4 dB	
THD + N <i>(4dBu, 1KHz)</i>	≤ 0.05%	
IMD <i>(+4dBu, 60 Hz y 7KHz)</i>	≤ 0.06%	
Frequency Response <i>(+4 dBu, 20 Hz – 20 KHz)</i>	Deviation	± 0.8 dB
SNR <i>(+ 4 dBu, 1KHz, BW 20 KHz)</i>	118 dB	
CMRR <i>(4dBu, 1KHz)</i>	90 dB	

NOTE: this audio signal distribution is done passively so it is inevitable to increase the insertion loss as the loads on the splitter outputs increase.

As can be seen in the Technical Specification with the **12 outputs connected** there would be a total insertion loss of **-0.4 dB** if a **line input device of 10 KΩ** is connected.

If is connected to a microphone input of **1.8 KΩ impedance**, for instance, the **total** insertion loss with all **12** outputs loaded would be **-1.2 dB**.






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Physical Characteristics

Working temperature		0-45 °C	
Finish		Direct printing	
Formats			
AR	Flight Case	MF	WR
<p>Box for installation in 19" rack</p> <ul style="list-style-type: none"> Box for 19" made of extruded aluminium and sheet steel <p>483 x 45 x 91 mm 2 Kg</p> 	<p>Portable briefcase with lid</p> <ul style="list-style-type: none"> Hard plastic lid, metal closures and handle. Reinforced corners. Base with non-slip rubber feet <p>290 x 120 x 180 mm 1 Kg</p> 	<p>Portable box with handle</p> <ul style="list-style-type: none"> Portable extruded aluminum case Handle on the side for handling Base with non-slip rubber feet <p>272 x 46 x 115 mm 1 Kg</p> 	<p>Box for installation recessed in wall</p> <ul style="list-style-type: none"> Extruded aluminum panel. WR box made of 1.5 mm steel sheet. <p>275 x 70 x 145 mm 2 Kg</p> 
		<p>Caja TB AT Caja encastrable para suelo</p> <ul style="list-style-type: none"> Paneles de aluminio extrusionado. Aleación 6063, tratamiento T5. Grosor 3 mm. Puerta de plancha de aluminio 5 mm Eje de acero inoxidable Serigrafía en impresión directa <p>233 x 225 x 134 mm 2.7 Kg</p> 	

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For possible changes due to continuous product improvements; Pinanson S.L. reserves the right to change the showed data in this document without notice. The data presented here correspond to the time it was compiled.

