

Tech Data

PRESS SPLITTERS

SPP

Several Formats

1 Input - 8 Outputs



Description

- **1 XLR-F** balanced by transformer input at line level.
- **1 XLR-M** output for *Link*.
- **8 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 **8-line level outputs**.
- This Passive Splitter with 8 outputs is a device which makes possible the distribution of a signal line level into **8 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).

Tech Data

PRESS SPLITTERS

SPP

Several Formats

1 Input - 8 Outputs

Applications

For **Press Room** when splitting **1 Line Audio input** signal into **8 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 (8 outputs): Line input impedance 10 KΩ Total insertion loss -0.3dB	
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 **8 outputs connected** there would be a total insertion loss of **-0.3 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 8 outputs loaded would be **-0.8 dB**.

Tech Data

PRESS SPLITTERS

SPP

Several Formats

1 Input - 8 Outputs

Physical Characteristics

Working temperature	0-45 °C		
Finish	Direct printing		
Formats			
<p>AR</p> <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>Flight Case</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>MF</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>WR</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> 

Tech Data

PRESS SPLITTERS

SPP

Several Formats

1 Input - 8 Outputs



Web: www.pinanson.eu
@: pinanson@pinanson.eu

PINANSON S.L
Avda. Constitución, 40. Mondéjar (Guadalajara). ESPAÑA
Teléfono: +34 949 385 444 · Fax: +34 949 385 643

Review: October 2023

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.

