

**SPECIFICATION SHEET**  
**JFW MODEL 50PDA-150**  
**POWER DIVIDER ASSEMBLY**

JFW Industries, Inc.  
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Configuration                      The 50PDA-150 is a modular power divider assembly. It can hold up to 14 power divider modules. The modules can be of varying configuration, frequency ranges and connector types. Please see the chart below for available modules and ordering information.

Electrical Specifications        See power divider module datasheet for electrical specifications. The 50PDA-150 uses 50PDM-001-X modules (698-3000MHz) or 50PDM-002-X modles (2-6GHz). See list of modules below.

Physical Size                      See outline drawing 092-8195

\*\*For available modules, see page 2.



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Available modules:

Module A: One 8-way 698-3000MHz (50PDM-001-A SMA) (1 slot)  
 Module B: Two 4-way 698-3000MHz (50PDM-001-B SMA) (1 slot)  
 Module C: One 4-way 698-3000MHz (50PDM-001-C SMA) (1 slot)  
 Module D: Three 2-way 698-3000MHz (50PDM-001-D SMA) (1 slot)  
 Module E: Two 2-way 698-3000MHz (50PDM-001-E SMA) (1 slot)  
 Module F: One 2-way 698-3000MHz (50PDM-001-F SMA) (1 slot)  
 Module G: Four 8-way 698-3000MHz (50PDM-001-G SMA) (3 slot)

Module H: One 8-way 2000-6000MHz (50PDM-002-H SMA) (1 slot)  
 Module J: Two 4-way 2000-6000MHz (50PDM-002-J SMA) (1 slot)  
 Module K: One 4-way 2000-6000MHz (50PDM-002-K SMA) (1 slot)  
 Module L: Three 2-way 2000-6000MHz (50PDM-002-L SMA) (1 slot)  
 Module M: Two 2-way 2000-6000MHz (50PDM-002-M SMA) (1 slot)  
 Module N: One 2-way 2000-6000MHz (50PDM-002-N SMA) (1 slot)  
 Module P: Four 8-way 2000-6000MHz (50PDM-002-P SMA) (3 slot)

\*Module Q: Two 4-way 2000-6000MHz (50PDM-002-Q SMA) (1 slot)

\*Module R: Three 2-way 2000-6000MHz (50PDM-002-R SMA) (1 slot)

\*Module S: Two 2-way 2000-6000MHz (50PDM-002-S SMA) (1 slot)

\* = Non-Standard (See 50PDM-002 spec for detailed description)

To Create a model number for the 50PDA-150, you select the modules you need and the quantities and build the part number as shown in the examples below. You start building the part number by using the base part number 50PDA-150 and then start adding modules by adding a "-" and then the letter corresponding to the desired module "A" followed by the quantity of that module "1". Repeat this process until you have a part number with the correct number of modules for your system. There are only 14 slots in this unit, so your model can not exceed 14 total modules.

Example #1:

50PDA-150-A1-B2-C5 (This unit contains (Qty-1) "A" module, (Qty-2) "B" modules and (Qty-5) "C" modules. The remaining positions will be covered with blank plates.)

Example #2:

50PDA-150-A8-B2-D4 (This unit contains (Qty-8) "A" modules, (Qty-2) "B" modules and (Qty-4) "D" modules. All of the 14 slots are used in this model number so no blank plates will be provided.)

Example #3:

50PDA-150-A14 (This unit contains (Qty-14) "A" modules. All of the 14 slots are used in this model number so no blank plates will be provided.)

JFW will arrange these modules from left to right in alphabetic module order for shipping. Any blank plates will be installed on the right side of the chassis. The end user is free to rearrange the modules upon receipt to best meet their cabling needs.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/11/2014		BAC 12/11/2014				
25511	06/25/2015	A	BAC 06/25/2015				
26455	03/18/2016	B	BAC 03/18/2016				