

«Perfo Box» series of Filters and MultiPlexers

DiPlexer PB-DP1500, 18 / 24MHz, 1500Watts ICAS*

* Intermittent Commercial and Amateur Service, (CW - 50% Duty cycle)

SKU: PB-DP1500-18/24

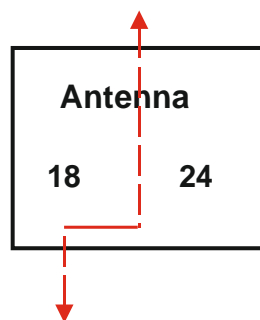
Typical specifications:

Subject to change without prior notice, **please see attached actual specification as measured**

- Impedance: 50 Ohms
- Maximum ICAS power per band port: 1500W
- Maximum ICAS power at antenna port: 3000W, (please see [Application notes](#))
- VSWR: $\leq 1,25:1$
- Return loss: $\geq 19\text{db}$
- Size: 275 x 255 x 100 mm / 10,8" x 10,0 " x 3,9"
- Net weight: $\leq 1,8 \text{ kg} / 3,9 \text{ lbs}$

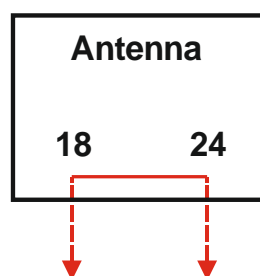
Band INPUT to Antenna OUTPUT, insertion loss (S11) and adjacent bands attenuation (S21), worst possible numbers **at the band edges** rounded to 0,05db / 5db, unused port terminated 50 ohms:

Transmit	Receive level, db.:	
	18	24
18	≤ -0.15	≥ -50
24	≥ -45	≤ -0.15



Band to Band, Isolation from port to port (S21), worst possible numbers **at the band edges** rounded to 5db, Antenna and unused port terminated 50 ohms:

Transmit	Receive level, db.:	
	18	24
18	-	≥ -50
24	≥ -45	-



QC:

19 February, 2021

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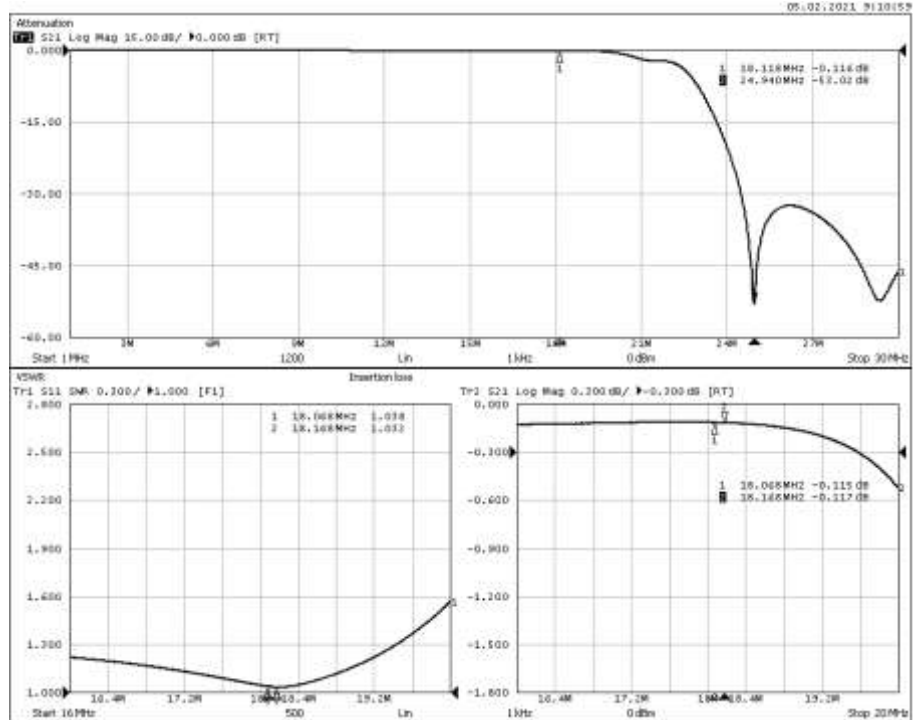
www.lowbandsystems.com

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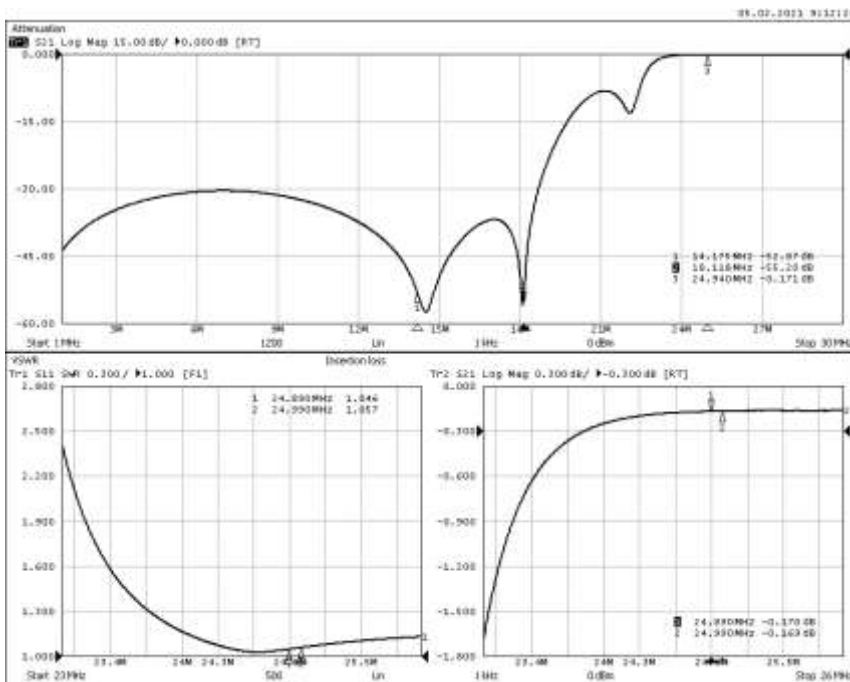
DiPlexer PB-DP1500, 18 / 24MHz, 1500Watts ICAS

Specification as measured, serial number #0221-067:

18MHz port: Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



24MHz port: Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



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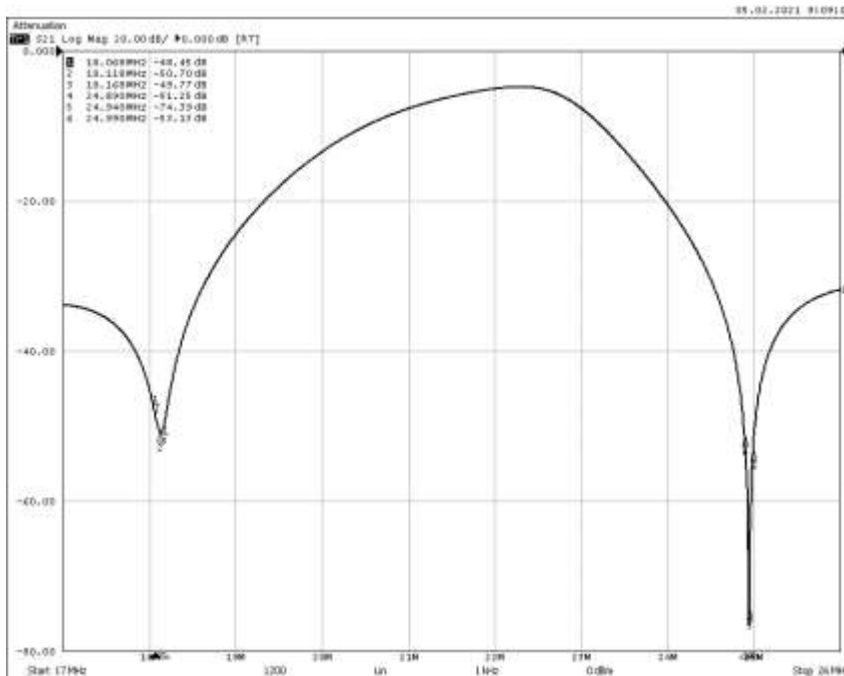


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DiPlexer PB-DP1500, 18 / 24MHz, 1500Watts ICAS

Specification as measured, serial number #0221-067:

Isolation: 18MHz port to 24MHz port



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