

## «Perfo Box» series of Filters and MultiPlexers

### DiPlexer PB-DP1500, 28 / 50MHz\*, 1500Watts ICAS\*\*

\* 10 meter band: 28,000 ÷ 29,000Mhz

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

SKU: PB-DP1500-28/50

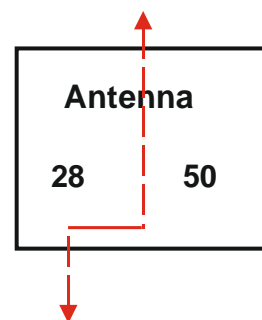
#### Typical specifications:

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: ≤1,25:1
- Return loss: ≥19db
- Size: 200 x 120 x 80 mm / 7,9" x 4,7" x 3,1"
- Net weight: ≤0,8 kg / 1,8 lbs

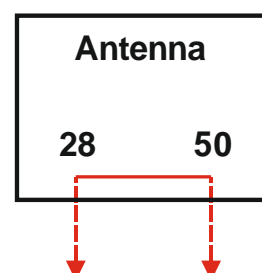
**Band INPUT to Antenna OUTPUT**, insertion loss (S11) and adjacent bands attenuation (S21), worst possible numbers **at the band edges** rounded to 0,05db / 5db, unused port terminated 50 ohms:

Transmit	Receive level, db.:	
	28	50
28	≤ -0.15	≥ -30
50	≥ -30	≤ -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.:	
	28	50
28	-	≥ -30
50	≥ -30	-



QC:

3 July, 2020

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**LowBandSystems**

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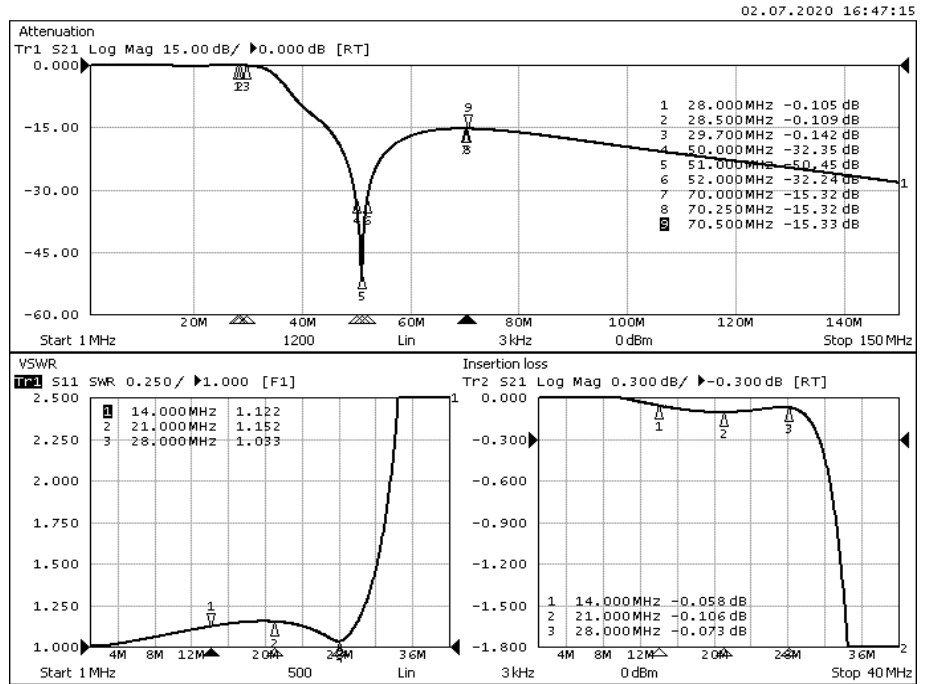
[www.lowbandsystems.com](http://www.lowbandsystems.com)

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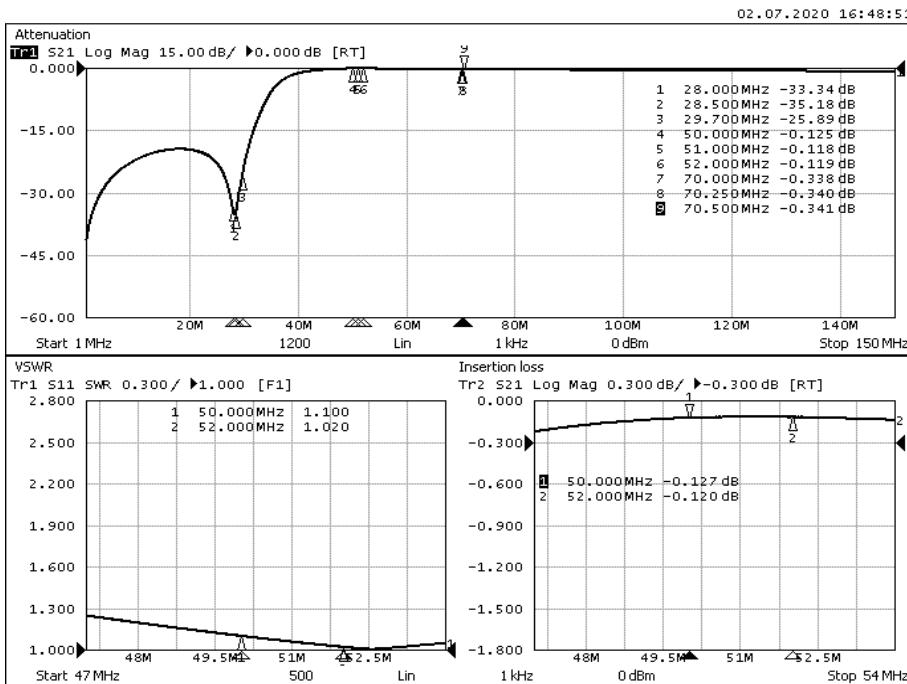
DiPlexer PB-DP1500, 28 / 50MHz, 1500Watts ICAS

Specification as measured, serial number #0720-226:

**28MHz port:** Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



**50MHz port:** Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



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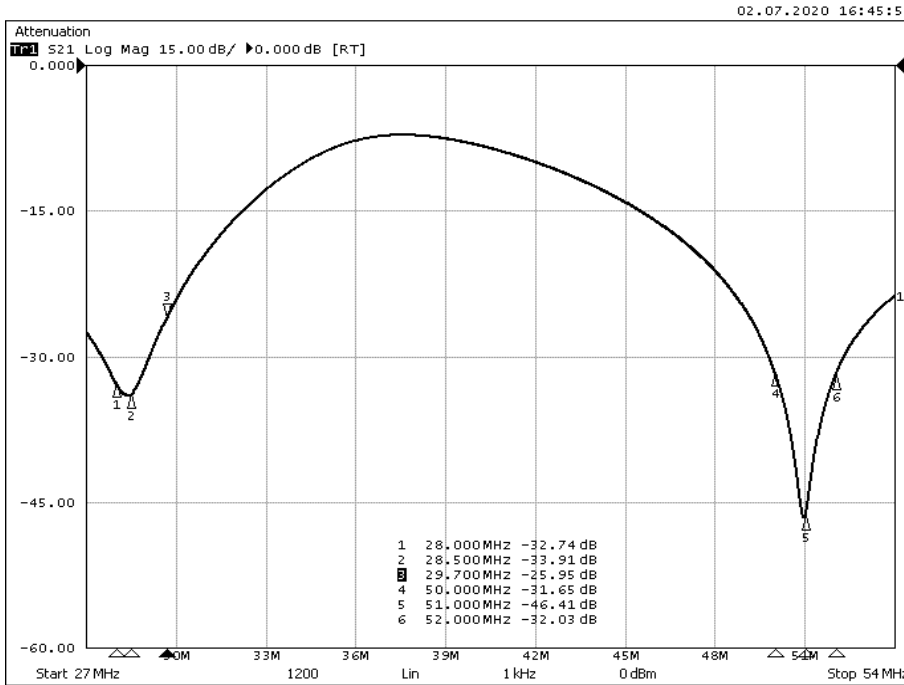
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## «Perfo Box» series of Filters and MultiPlexers

### DiPlexer PB-DP1500, 28 / 50MHz, 1500Watts ICAS

Specification as measured, serial number #0720-226:

**Isolation:** 28MHz port to 50MHz port



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