

«Perfo Box» series of Filters and MultiPlexers

DiPlexer PB-DP1500, 7 / 10MHz*, 1500Watts ICAS**

* 40 meter band: 7,000 ÷ 7,400Mhz

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

SKU: PB-DP1500-7/10

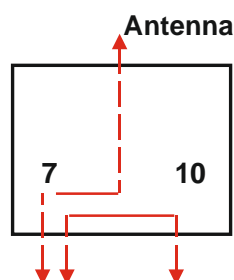
Typical specifications:

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: ≤1,2:1
- Return loss: ≥20db
- Size: 275 x 255 x 100 mm / 10,8" x 10,0" x 3,9"
- Net weight: ≤1,95 kg / 4,3 lbs.

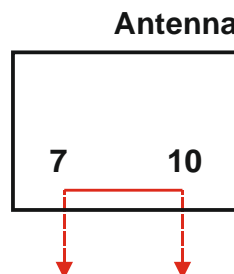
Band INPUT to Antenna OUTPUT, insertion loss (S11) and adjacent bands attenuation (S21), worst possible numbers **at the band edges** rounded to 0,05db / 5db, unused port terminated 50 ohms:

Transmit	Receive level, db.:	
	7	10
7.0 - 7.4	≤-0.2	≥ -40
10	≥ -25	≤-0.2



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.:	
	7	10
7.0 - 7.4	-	≥ -45
10	≥ -25	-



QC:

3 July, 2020

Page 1 of 3



LowBandSystems

Tel.: 007 918 557 45 07 (WhatsApp, Viber)

E-mail: ra6lbs@gmail.com

Volgodonsk, 347382, Russian Federation

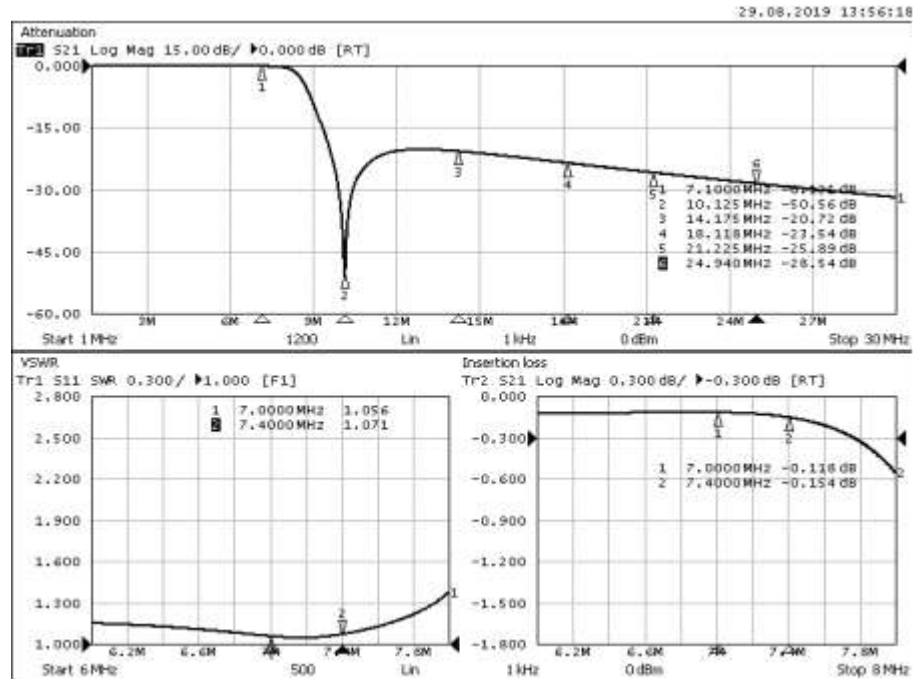
www.lowbandsystems.com

«Perfo Box» series of Filters and MultiPlexers

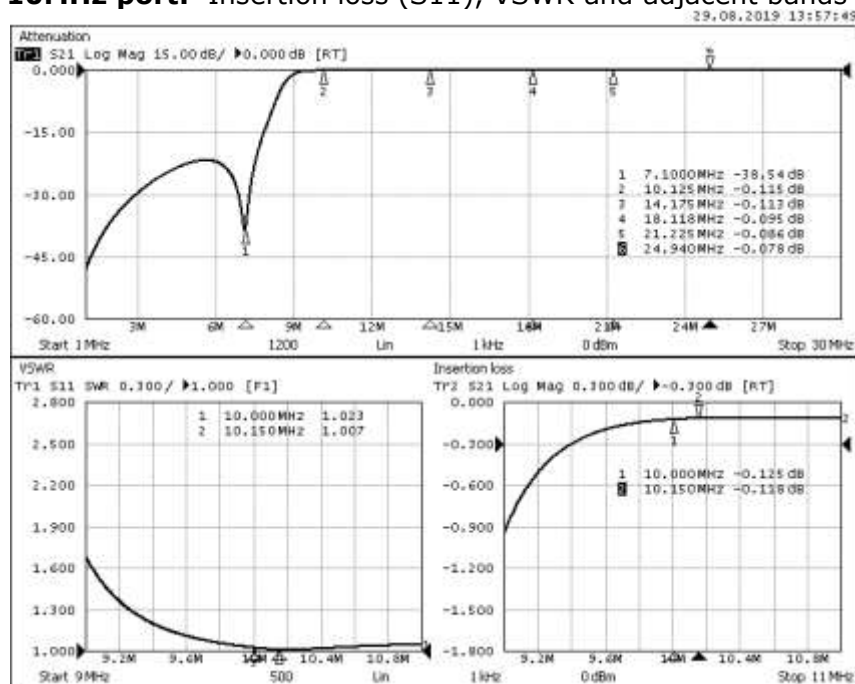
DiPlexer PB-DP1500, 7 / 10MHz*, 1500Watts ICAS**

Specification as measured, serial number #0819-280:

7MHz port: Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



10MHz port: Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



QC:

3 July, 2020

Page 2 of 3



LowBandSystems

Tel.: 007 918 557 45 07 (WhatsApp, Viber)

E-mail: ra6lbs@gmail.com

Volgodonsk, 347382, Russian Federation

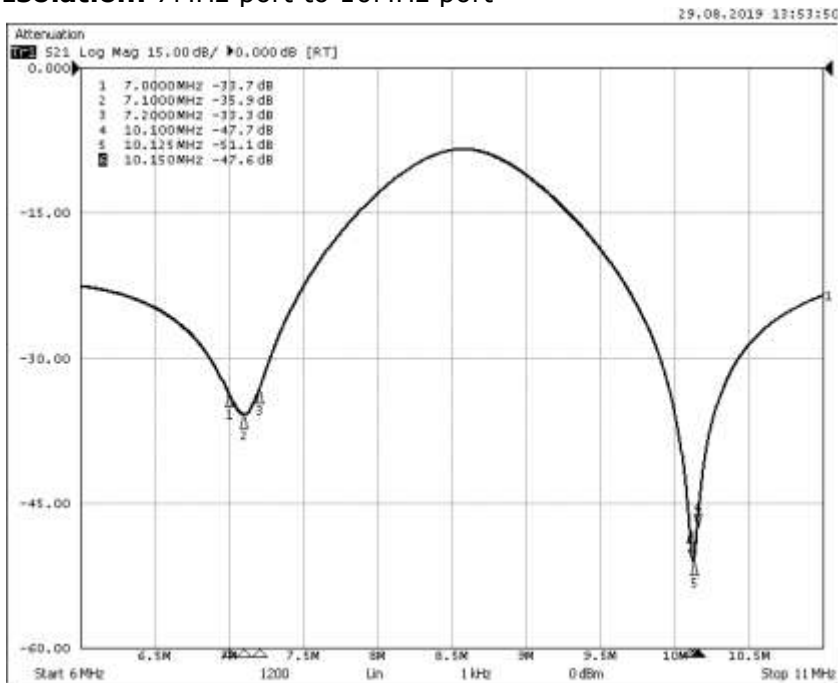
www.lowbandsystems.com

«Perfo Box» series of Filters and MultiPlexers

DiPlexer PB-DP1500, 7 / 10MHz*, 1500Watts ICAS**

Specification as measured, serial number #0819-280:

Isolation: 7MHz port to 10MHz port



QC:

3 July, 2020

Page 3 of 3



LowBandSystems

Tel.: 007 918 557 45 07 (WhatsApp, Viber)

E-mail: ra6lbs@gmail.com

Volgodonsk, 347382, Russian Federation

www.lowbandsystems.com