

«Perfox» series of Filters and MultiPlexers

DiPlexer PB-DP1500, 1.8 / 3.5MHz*, 1500Wats ICAS**

* 80 meter band: 3,500 ÷ 4,000Mhz

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

SKU: PB-DP1500-1.8/3.5

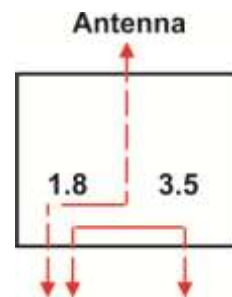
Typical specifications:

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

- Impedance: 50 Ohms
- Maximum ICAS power per band port: 1500 W
- Maximum ICAS power at antenna port: 3000 W, (please see [Application notes](#))
- VSWR: typical ≤ 1 : 1,25
- Return loss: ≥ 19db
- Size: 275 x 255 x 100 mm / 10,8" x 10,0" x 3,9"
- Net weight: ≤ 2,2 kg / 5,0 lbs

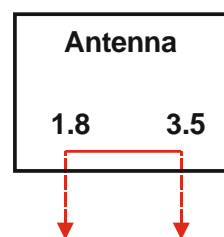
Band INPUT to Antenna OUTPUT, insertion loss (S11) and adjacent bands attenuation (S21), worst possible numbers at the band edges rounded to 5db, unused port terminated 50 ohms:

Transmit	Receive level, db.:	
	1.8	3.5
1.8	≤ -0.15	≥ -40
3.5 - 4.0	≥ -45	≤ -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.:	
	1.8	3.5
1.8	-	≥ -20
3.5 - 4.0	≥ -20	-



QC:

3 July, 2020

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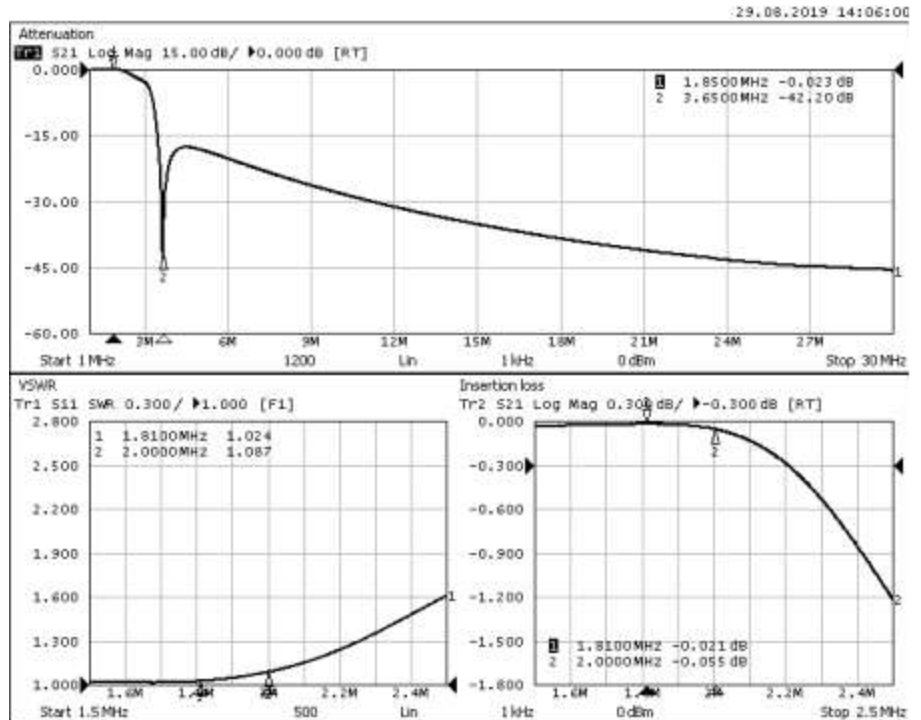
Volgodonsk, 347382, Russian Federation

www.lowbandsystems.com

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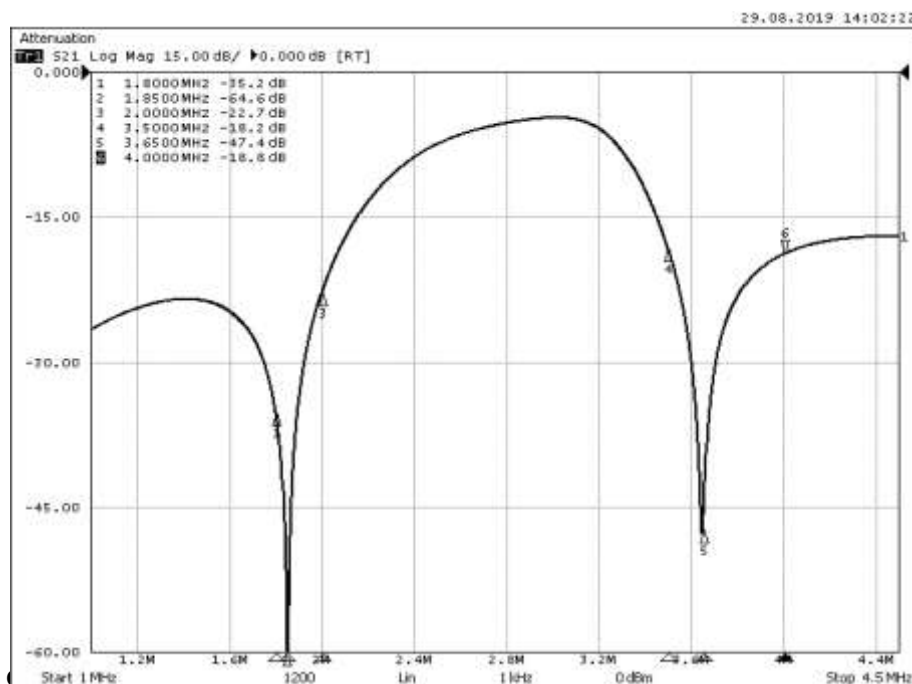
DiPlexer PB-DP1500, 1.8 / 3.5MHz, 1500Watts ICAS

Specification as measured, serial number #0819-281:



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

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

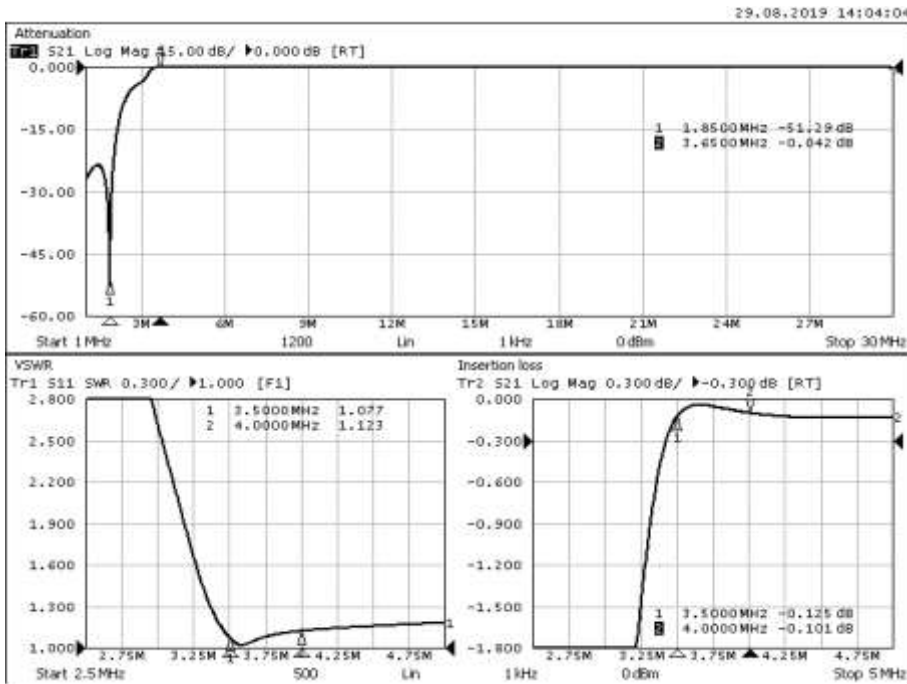


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DiPlexer PB-DP1500, 1.8 / 3.5MHz, 1500Watts ICAS

Specification as measured, serial number #0819-281:

Isolation: 1.8MHz port to 3.5MHz port



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