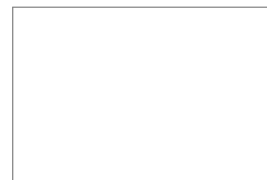


Filter solutions for HAM RADIO

«Perfo Box» series of Filters and MultiPlexers



TriPlexer PB-TP200, 14-21-28MHz*, 200Watts ICAS**

* 10 meter band: 28,000 ÷ 29,000Mhz

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

SKU: PB-TP200

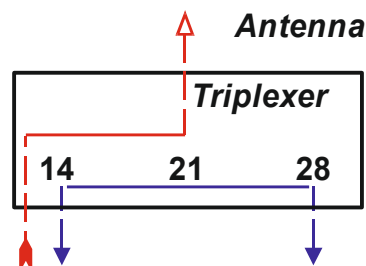
Typical specifications

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

- Impedance: 50 Ohms
- Maximum ICAS power per band port: 200W
- Maximum ICAS power at antenna port: 400W, (please see [Application notes](#))
- VSWR: ≤1,2:1
- Return loss: ≥20db
- Size: 200 x 125 x 70 mm / 7,9" x 4,9" x 2,8"
- Net weight, kg/lbs.: ≤0,65 kg / 1,5 lbs.

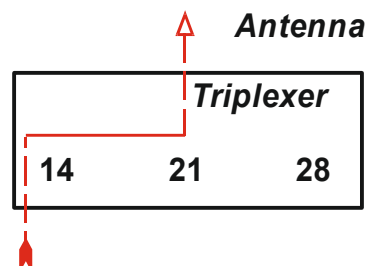
Band INPUT to Antenna OUTPUT, insertion loss (S11) and adjacent bands attenuation (S21), worst possible numbers at the band edges rounded to 5db, unused port terminated 50 ohms:

Transmit	Receive level, db.:		
	14	21	28
14	≤ -0,15	≥ -35	≥ -35
21	≥ -35	≤ -0,2	≥ -25
28.0 - 29.0	≥ -35	≥ -30	≤ -0,2



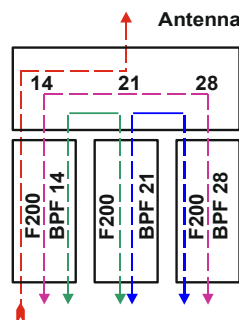
Band to Band, Isolation from port to port (S21), worst possible numbers at the band edges rounded to 5db, Antenna and unused port terminated 50 ohms:

Transmit	Receive level, db.:		
	14	21	28
14	-	≥ -35	≥ -35
21	≥ -35	-	≥ -25
28.0 - 29.0	≥ -40	≥ -30	-



Band INPUT to Antenna OUTPUT, insertion loss (S11) and **Band to Band Isolation from port to port** (S21), **with Band Pass Filters «Perfo Box-200»**, worst possible numbers at the band edges rounded to 5db, Antenna port and unused ports terminated 50 ohms:

Transmit	Receive level, db.:		
	14	21	28
14	-	≥ -100	≥ -95
21	≥ -85	-	≥ -100
28.0 - 29.0	≥ -85	≥ -80	-



QC:

24 December, 2020

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LowBandSystems

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

E-mail: ra6lbs@gmail.com

Volgodonsk, 347382, Russian Federation

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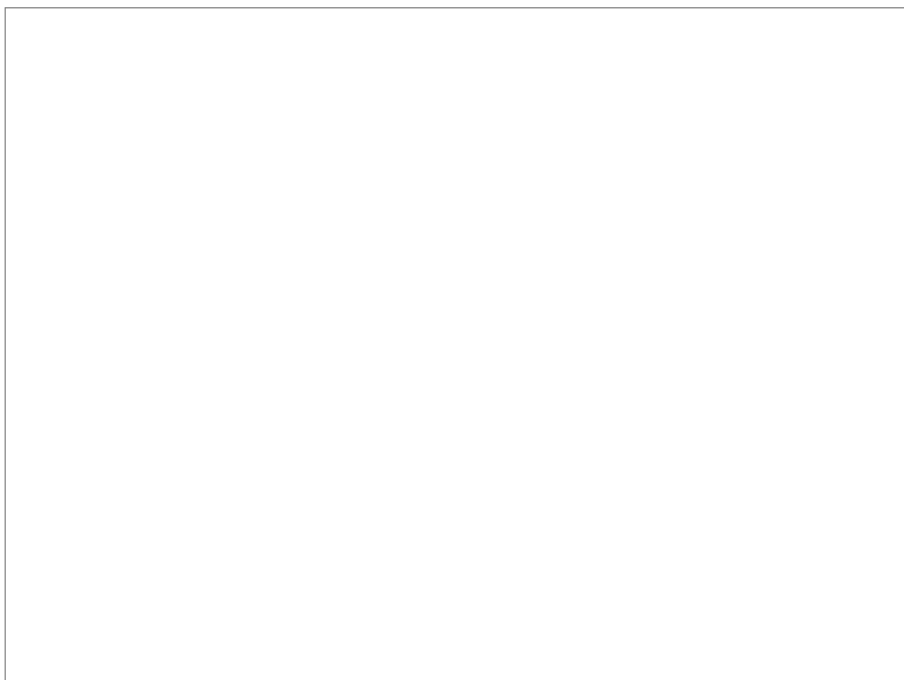


«Perfo Box» series of Filters and MultiPlexers

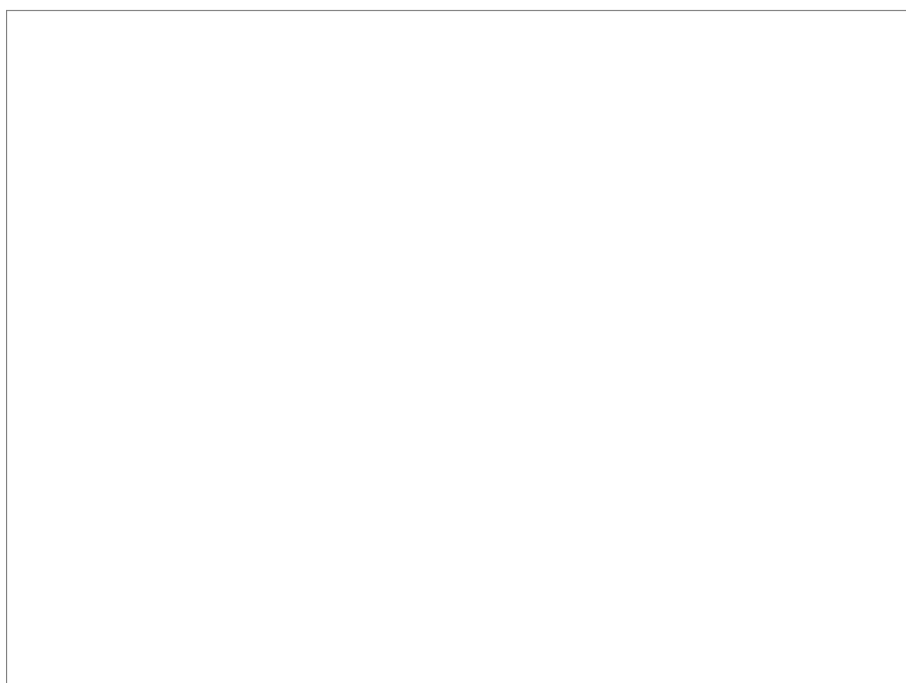
TriPlexer PB-TP200, 14-21-28MHz, 200Watts ICAS

Specification as measured, serial number #0818-487:

14MHz port: Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



21MHz port: Insertion loss (S11), VSWR and adjacent bands attenuation (S21) to antenna port



QC:

24 December, 2020

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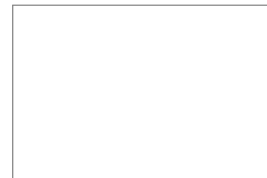
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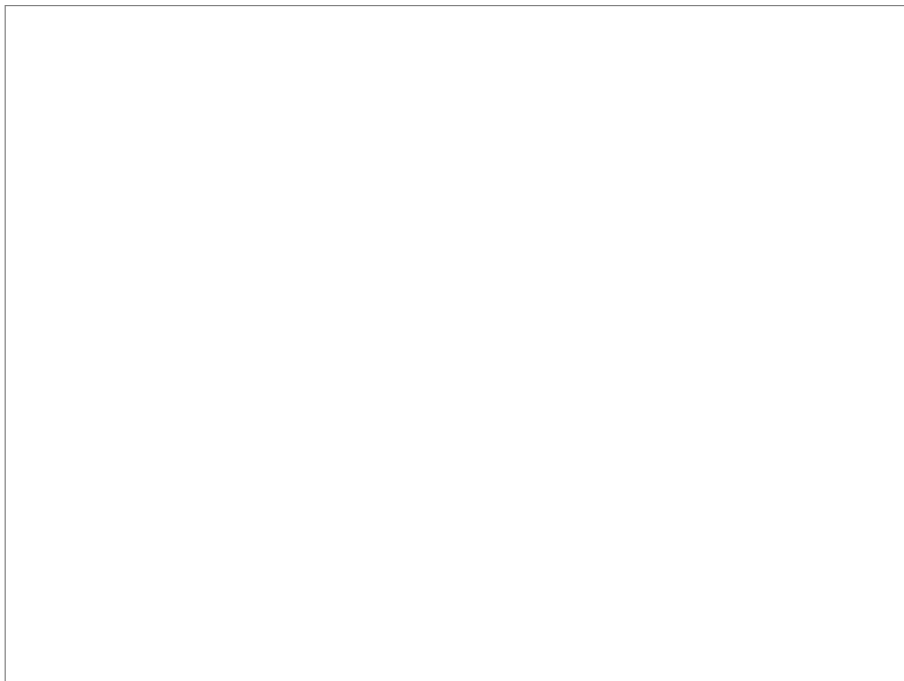


«Perfo Box» series of Filters and MultiPlexers

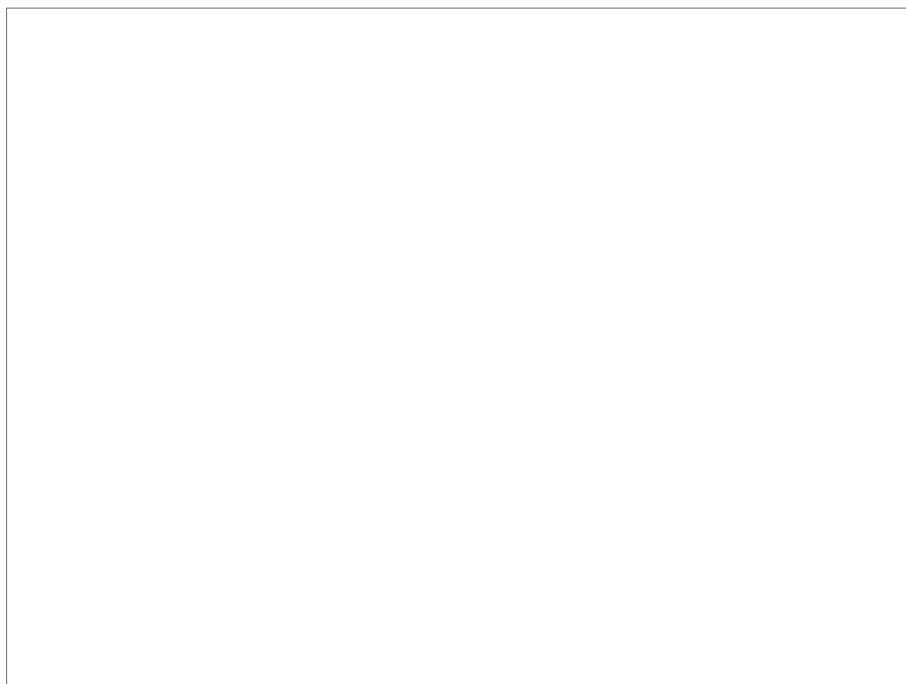
TriPlexer PB-TP200, 14-21-28MHz, 200Watts ICAS

Specification as measured, serial number #0818-487:

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



Isolation: 14MHz port to 21MHz port



QC:

24 December, 2020

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«Perfo Box» series of Filters and MultiPlexers

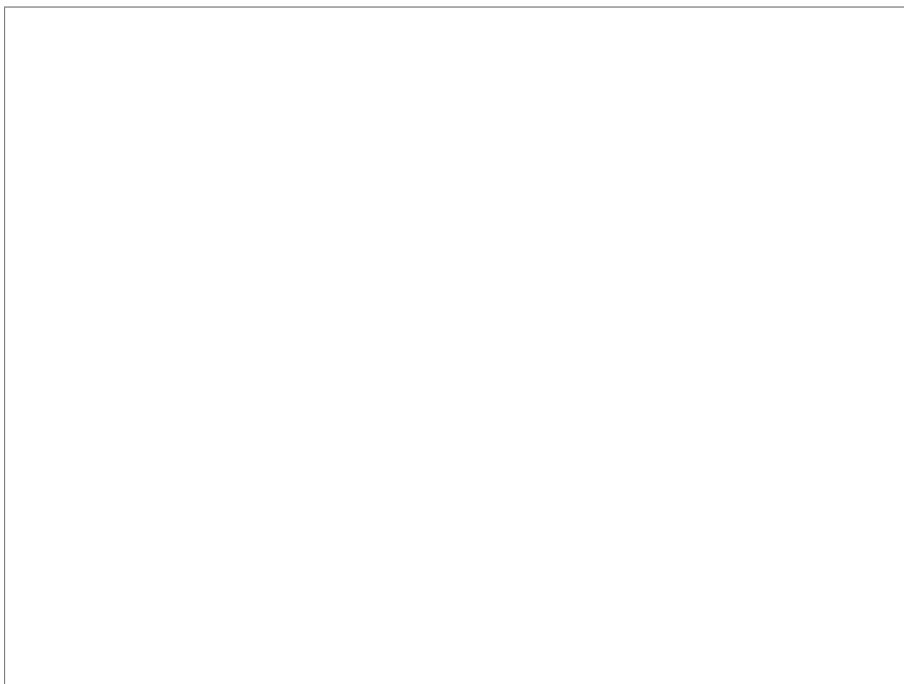
TriPlexer PB-TP200, 14-21-28MHz, 200Watts ICAS

Specification as measured, serial number #0818-487:

Isolation: 14MHz port to 28MHz port



Isolation: 21MHz port to 28MHz port



QC:

24 December, 2020

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