

Preselector Filters Low Band, Aviation, and VHF Preselectors PH2040 Series

PH2040E-2-2-PBK

Band Pass Preselector, Res-Lok, 2 MHz B.W., Black, 155-174 MHz

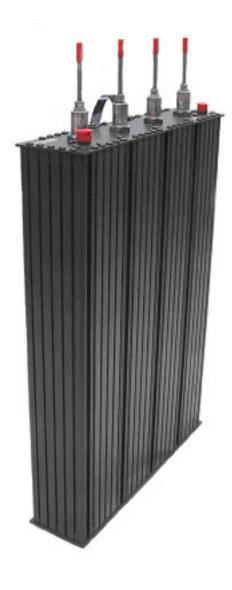
Also referred as: PH2040E*1

- · Rack, wall and floor mounting options can also be used as a Rx filter
- · Res-Lok construction reduces inter-cavity cabling
- · Can be tuned over the 155-174 MHz frequency band
- Painted black

High "Q" 4-pole cavity Band Pass Pre-selector filter for use in either Tx or Rx applications. The 2 MHz pass band allows multiple Tx or Rx frequencies to be selected and provide attenuation to unwanted out of band frequencies.

Built using Sinclair Res-Lok aluminum cavity filter extrusion, the PH2040E band pass pre-selector filter is 19" rack-mountable (vertical orientation as illustrated) using adjustable front panel mounting brackets.

In Tx applications the PH2040E is designed to handle a number of relatively high power Tx channels and provide very good out of band isolation with a low insertion loss.



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
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Product Specification Sheet EPR 017466 Customer Tech Manual 006346 PH2040E-2-2-PBK Issue: 4

4 Dated: 09-11-15 Dated: 13-11-12



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Input VSWR (max) 1.5:1 Impedance Ω 50 Average Power Input (max) W 400 Input Connectors N-Female Output Connectors N-Female Approx Bandwidth @ 50 dB MHz 12 Bandwidth at specified insertion loss MHz 2 Insertion Loss (max) Tx to Ant dB 1 Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Electrical Specifications		
Impedance Ω 50 Average Power Input (max) W 400 Input Connectors N-Female Output Connectors N-Female Approx Bandwidth @ 50 dB MHz 12 Bandwidth at specified insertion loss MHz 2 Insertion Loss (max) Tx to Ant dB 1 Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Frequency Range	MHz	155 to 174
Average Power Input (max) W 400 Input Connectors N-Female Output Connectors N-Female Approx Bandwidth @ 50 dB MHz 12 Bandwidth at specified insertion loss MHz 2 Insertion Loss (max) Tx to Ant dB 1 Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight Ibs (kg) 26 (11.8) Actual Shipping weight Ibs (kg) 50 (22.7)	Input VSWR (max)		1.5:1
Input Connectors	Impedance	Ω	50
Output Connectors N-Female Approx Bandwidth @ 50 dB MHz 12 Bandwidth at specified insertion loss MHz 2 Insertion Loss (max) Tx to Ant dB 1 Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Average Power Input (max)	W	400
Approx Bandwidth @ 50 dB MHz 12 Bandwidth at specified insertion loss MHz 2 Insertion Loss (max) Tx to Ant dB 1 Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Input Connectors		N-Female
Bandwidth at specified insertion loss MHz 2 Insertion Loss (max) Tx to Ant dB 1 Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Output Connectors		N-Female
Mechanical Specifications In (mm) 19 (483) Width in (mm) 4.7 (119) Depth in (mm) 31.5 (800) Length/ Height in (mm) 32.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Approx Bandwidth @ 50 dB	MHz	12
Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Bandwidth at specified insertion loss	MHz	2
Mechanical Specifications Width in (mm) 19 (483) Depth in (mm) 4.7 (119) Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)	Insertion Loss (max) Tx to Ant	dB	1
Length/ Height in (mm) 31.5 (800) Weight lbs (kg) 26 (11.8) Actual Shipping weight lbs (kg) 50 (22.7)		, ,	, ,
Weight Ibs (kg) 26 (11.8) Actual Shipping weight Ibs (kg) 50 (22.7)	Depth	in (mm)	4.7 (119)
Actual Shipping weight lbs (kg) 50 (22.7)	Length/ Height	in (mm)	31.5 (800)
11 0 0	Weight	lbs (kg)	26 (11.8)
Shipping dimensions in (mm) 19x7x38 (483x178x965)	Actual Shipping weight	lbs (kg)	EO (22 7)
chipping amended	Shipping dimensions		30 (ZZ.1)
Mounting configurations 19 inch rack		in (mm)	19x7x38 (483x178x965)
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	Mounting configurations Environmental Specifications	in (mm)	19x7x38 (483x178x965)

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