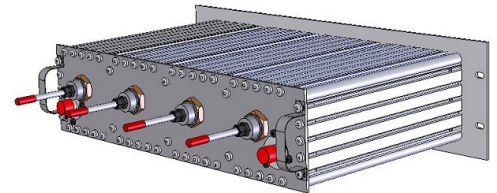


PH3040E SERIES Preselector, 1 to 5 MHz Bandwidth, 380-512 MHz

- 19" rack mount, and compact 3 U height
- Res-Lok construction reduces inter-cavity cabling
- 1, 2, 3, 4 or 5 MHz bandwidth available

This PH3040E series is available in various pass bandwidth and provides superior attenuation of out of band signals while maintaining relatively low insertion loss. It can be used either as a transmit or receive filter. These filters are also field-retunable which allows for efficient reuse, should the need arise.

When ordering, please refer to below configuration chart for the exact part number, and also provide the specific frequency range. Enhanced PIP feature is available for this series. Please talk to the sales representative for detail PIP rating if PIP is required.



Product may not appear exactly image

Part#	Frequency (MHz)	Bandwith at specified interson loss (MHz)	Insertion loss, typ (dB)	Selectivity bandwidth(MHz)
PH3040E-4-3	380-403	3	1.2	15 @ 50 dB
PH3040E-1-1	406-450	1	1.8	12 @ 60 dB
PH3040E-1-2	406-450	2	1.5	16 @ 60 dB
PH3040E-1-3	406-440	3	1.0	20 @ 50 dB
PH3040E-1-4	406-450	4	0.8	32 @ 60 dB
PH3040E-1-5	406-450	5	0.6	23 @ 50 dB
PH3040E-2-3	440-480	3	1.0	20 @ 50 dB
PH3040E-2-1	450-512	1	1.8	12 @ 60 dB
PH3040E-2-2	450-512	2	1.5	16 @ 60 dB
PH3040E-2-4	450-512	4	0.8	32 @ 60 dB
PH3040E-2-5	450-512	5	0.6	23 @ 50 dB
PH3040E-3-3	480-512	3	1.0	20 @ 50 dB

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+44 (0) 1487 84 28 19	Canada: 1 800 263 3275 International: +1 905 726 7676	+1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com

Electrical Specifications

Frequency Range	MHz	380 to 512
Number of Cavities		4
Input Connectors		N-Female
Output Connectors		N-Female
Input VSWR (max)		1.5:1 *1
Impedance	Ω	50
Average Input Power (max)	W	400

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	14 (356)
Length/ Height	in (mm)	5.21 (132)
Weight	lbs (kg)	14 (6.36)
Mounting configurations		19 inch rack
Shipping dimensions	in (mm)	6x19x22 (152x483x559)

Environmental Specifications

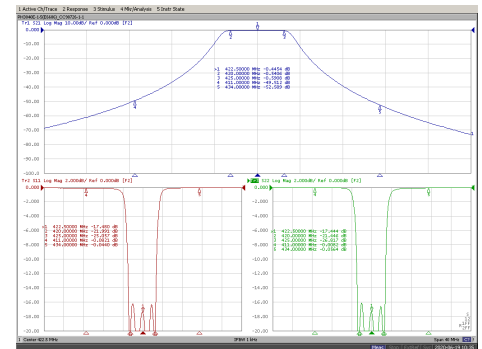
Temperature range	°F (°C)	-22 to +140 (-30 to +60)
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Notes

*1 : 2:1 (max) VSWR at band edges.

Ordering Information

When ordering please provide the specific frequency range.



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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com