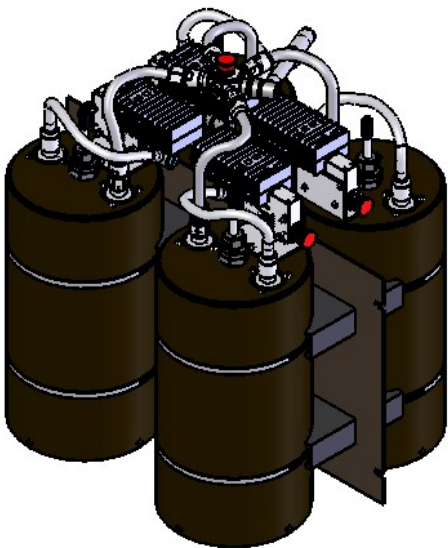


TJ4234-R-2 Cavity-Ferrite Transmitter Combiner, 4 channel, 7" Cavities, 806-960 MHz

- Allows for minimum Tx-Tx spacings of 250 KHz
- Expandable for more channels
- Uses high 'Q' 3/4 wave bandpass cavity filters with low loss broad band dual stage isolators
- Panel mount

Sinclair's TJ423x-R-2 series cavity ferrite transmitter combiners are available in 2 to 5 channel configurations for systems operating within the 806-960 MHz range. Each channel features a high-isolation, broadband, low-loss triple-stage isolator, and a high 'Q' 3/4 wave bandpass cavity filter, making them suitable for close channel separations down to 250 KHz.

The TJ423x-R-2 series combiners can be expanded to accommodate up to 20 channels. For expansion options, please contact the Sinclair for details.



Product may not appear exactly as shown.

www.sinctech.com

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+1 905 727 0165 ext 232	Canada: 1 905 726 7676 International: +1 905 726 7676	+1 905 727 0165 ext 287
E-mail	salesusa@sinctech.com	salesemea@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com
Product Specification Sheet	TJ4234-R-2		Issue: 3	Dated: 08-07-24
EPR 018659				Dated: 08-07-24
Customer Tech Manual 006296	Sinclair's commitment to product leadership may result in improvement or change to this product			
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Electrical Specifications

Frequency Range	MHz	806 to 960
Input Connectors		N-Female
Output Connectors		N-Female
Input VSWR (max)		1.25:1
Output VSWR		2:1
Insertion Loss (max) Tx to Ant	dB	3.9
Maximum Input Power (per channel)	W	125
Frequency separation (min)	MHz	0.25
Isolation Tx to Tx	dB	60
Isolation antenna to Tx	dB	50

Notes

*1 : Maximum

Mechanical Specifications

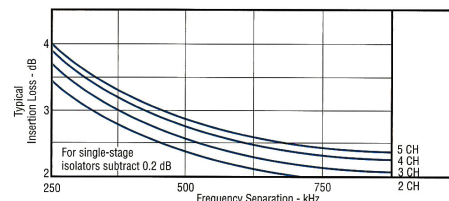
Width	in (mm)	19 (483)
Depth	in (mm)	14.7 (373)
Length/ Height	in (mm)	20 (508) *1
Finish		chromate conversion
Weight	lbs (kg)	32 (14.53)
Actual shipping weight	lbs (kg)	70 (31.78)
Shipping dimensions	in (mm)	20x16x21 (508x406x533)

Ordering Information

Specify one Tx frequency per channel at time of order.

Environmental Specifications

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