

**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

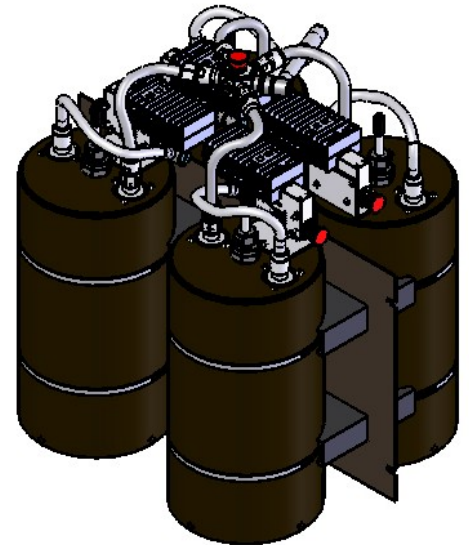
Sinclair's 'TJ4x3y-R-2 series cavity ferrite transmitter combiners are available in 2 to 5 channel configurations for use in systems from 806-960 MHz. Each channel on these combiners includes a low-loss, broad band single or dual-stage isolator and High 'Q' 3/4 wave bandpass cavity filter suitable for close channel separations, typically 250 KHz.

The 'TJ4x3y-R-2' series combiners can be expanded to 20 channels. For expansion please contact the Sinclair Systems group.

The naming convention and options for the TJ4x3y-R-2 are as follows:

Isolator type  
x=1 Single stage  
x=2 Dual stage

y= number of channels



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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### Electrical Specifications

Frequency Range	MHz	806 to 960
Input VSWR (max)		1.25:1
Maximum Input Power (per channel)	W	125
Input Connectors		N-Female
Output Connectors		N-Female
Frequency separation (min)	MHz	0.25
Insertion Loss (max) Tx to Ant	dB	3.9
Isolation Tx to Tx	dB	60
Isolation antenna to Tx	dB	50
Output VSWR		2:1
Number of channels		4

### Mechanical Specifications

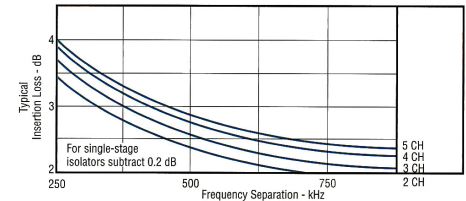
Width	in (mm)	19 (483)
Depth	in (mm)	14.7 (373)
Length/ Height	in (mm)	16.1 (409)
Finish		chromate conversion
Weight	lbs (kg)	32 (14.53)
Actual Shipping weight	lbs (kg)	70 (31.78)
Shipping dimensions	in (mm)	20x16x21 (508x406x533)

### Environmental Specifications

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

Specify one Tx frequency per channel at time of order.



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