

TJ4135-R-2 Cavity-Ferrite Transmitter Combiner, 5 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 single stage isolators
- Panel mount

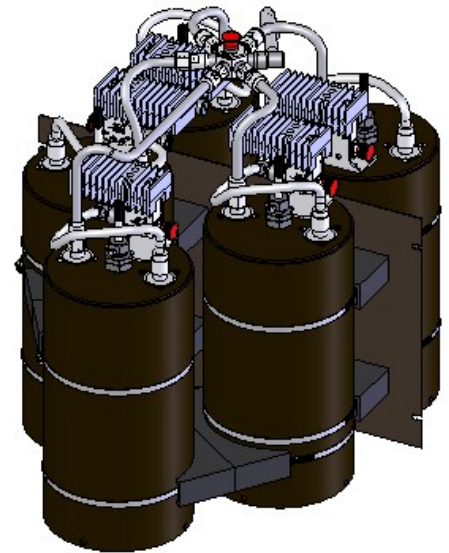
Sinclair's 'TJ4x3y-R-2 series cavity ferrite transmitter combiners are available in 2 to 5 channel configurations for use in systems from 806-960 MHz. Each channel on these combiners includes a low-loss, broad band single or dual-stage isolator and High 'Q' 3/4 wave bandpass cavity filter suitable for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



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

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	35
Isolation antenna to Tx	dB	25
Output VSWR		2:1
Number of channels		5

Mechanical Specifications

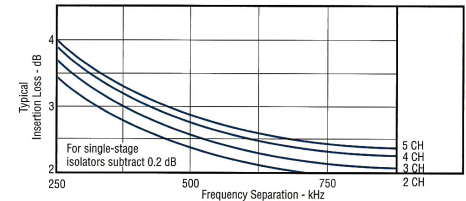
Width	in (mm)	19 (483)
Depth	in (mm)	21.3 (541)
Length/ Height	in (mm)	16.1 (409)
Finish		chromate conversion
Weight	lbs (kg)	39 (17.71)
Actual Shipping weight	lbs (kg)	80 (36.32)
Shipping dimensions	in (mm)	21x21x26 (533x533x660)

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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