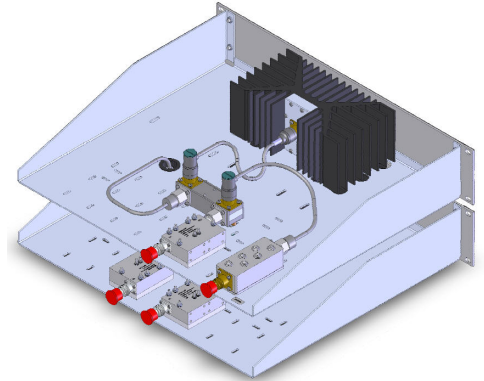


TC4114 Combiner, hybrid-ferrite, single stage isolator, 4 channels, 806-960 MHz

- Supports extremely close frequency spacings (0-10 MHz separation)
- 0-10 MHz separation
- 50 dB of Tx to Tx isolation, 28 dB of Antenna to Tx isolation

These transmitter combiners can be used in those systems requiring extremely close frequency separations. They utilize Sinclair manufactured isolators, hybrids, and terminations in a compact mechanical configuration allowing a 4-channel transmitter combiner to be mounted in only 10.5 inches of rack space.



www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com
Product Specification Sheet EPR 015969		TC4114	Issue: 4	Dated: 20-11-17 Dated: 22-06-11

Electrical Specifications

Frequency Range	MHz	806 to 960
Number of channels		4
Input Connectors		N-Female
Output Connectors		N-Female
Input VSWR (max)		1.25:1
Insertion loss (typ) Tx to Ant	dB	7
Maximum Input Power (per channel)	W	125
Frequency separation (max)	MHz	10
Frequency separation (min)	MHz	0
Isolation Tx to Tx	dB	50
Isolation antenna to Tx	dB	28

Notes

*1 : 3 boxes

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	15.63 (397)
Length/ Height	in (mm)	10.5 (267)
Weight	lbs (kg)	29.9 (13.57)
Shipping dimensions	in (mm)	19x26x7 (483x660x178) *1

Ordering Information

Specify the four Tx channel frequencies when ordering.

Environmental Specifications

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