

TC4222HP Combiner, hybrid-ferrite, high power, 2 channel, dual isolator

- Supports extremely close frequency spacings
- Designed for high power levels
- Variety of mounting arrangements are available to optimize system heat dissipation

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 2-channel transmitter combiner to be mounted in only 5.25 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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Electrical Specifications

Frequency Range	MHz	920 to 950
Number of channels		2
Input Connectors		N-Female
Output Connectors		N-Female
Input VSWR (max)		1.25:1
Insertion loss (typ) Tx to Ant	dB	3.8
Maximum Input Power (per channel)	W	250
Frequency separation (max)	MHz	30
Frequency separation (min)	MHz	0
Isolation Tx to Tx	dB	75
Isolation antenna to Tx	dB	50

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	15.63 (397)
Length/ Height	in (mm)	5.25 (133)
Weight	lbs (kg)	29 (13.17)
Shipping dimensions	in (mm)	19x26x7 (483x660x178)

Ordering Information

Specify the two Tx channel frequencies when ordering.

Environmental Specifications

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