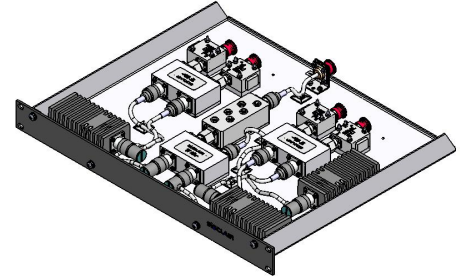


**TCC4134-1** Compact hybrid ferrite 4 channel Tx combiner, 746-869 MHz

- Connect 4 60W transmitters to one antenna
- Single stage isolators
- 1U high compact housing

Sinclair's new TCC series of hybrid ferrite transmitter combiners allow up to four 60 Watt transmitters to be combined onto one antenna. With single stage isolators, the units provide 45 dB of Tx to Tx isolation. With dual stage isolators, the Tx to Tx isolation is 70 dB. The minimum frequency separation is 0 MHz. The frequencies can be changed without having to retune the combiner.



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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Product Specification Sheet EPR 018472-1 Customer Tech Manual 006140		TCC4134-1	Issue: 1	Dated: 08-10-13 Dated: 21-01-10

### Electrical Specifications

Frequency Range	MHz	746 to 869
Input VSWR (max)		1.3:1
Insertion loss (typ) Tx to Ant	dB	7.4
Input Connectors		N-Female
Output Connectors		N-Female
Power (Per Channel)	W	60
Frequency separation (max)	MHz	123
Frequency separation (min)	MHz	0
Isolation Tx to Tx	dB	45
Isolation antenna to Tx	dB	31
Output VSWR		1.5:1
Number of channels		4

### Mechanical Specifications

Depth	in (mm)	14.6 (371)
Length/ Height	in (mm)	1.75 (44)
Width	in (mm)	19 (483)
Weight	lbs (kg)	18 (8.17)

### Environmental Specifications

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