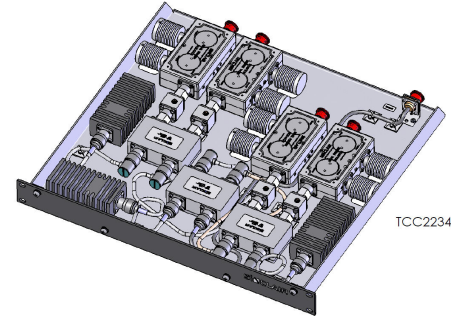**TCC2234**   Combiner, hybrid-ferrite, compact, 4 CH, dual stage isolator, 130-180 MHz

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

Sinclair's new TCC series of hybrid ferrite transmitter combiners allow multiple 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, while the maximum is 3 MHz.

TCC2234, VHF

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

Product Specification Sheet
EPR 018470-2
Customer Tech Manual   006125

TCC2234

Issue: 1

Dated: 24-05-19
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Page 1/2

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Electrical Specifications

Frequency Range	MHz	130 to 180	
Number of channels		4	
Input Connectors		N-Female	
Output Connectors		N-Female	
Input VSWR (max)		1.3:1	
Output VSWR		1.5:1	
Insertion Loss (typ) Tx to Ant	dB	7.8	*1
Power (Per Channel)	W	60	
Frequency separation (max)	MHz	3	
Frequency separation (min)	MHz	0	
Isolation Tx to Tx	dB	70	
Isolation antenna to Tx	dB	56	

Notes
*1 : ±0.6

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	17 (432)
Length/ Height	in (mm)	1.75 (44)
Weight	lbs (kg)	18 (8.17)
Shipping dimensions	in (mm)	25.5x18.75x6.5 (648x476x165)

Environmental Specifications

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

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