

TCC3234-(X) Combiner, hybrid-ferrite, compact, 4 CH, dual stage isolator, 350-512 MHz

- Connect four 60W transmitters to one antenna
- Dual 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.



When ordering please see below chart for detailed part# and frequency configuration.

Part#	Frequency (MHz)	Frequency Separation (MHz)
		Min-Max
TCC3234-1	350-385	0-35
TCC3234-2	380-415	0-35
TCC3234-3	405-440	0-35
TCC3234-4	430-470	0-40
TCC3234-5	459-512	0-53

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	350 to 512	*1
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	*2
Power (Per Channel)	W	60	
Isolation Tx to Tx	dB	70	
Isolation antenna to Tx	dB	56	

### Notes

\*1 : See details in the previous page.  
\*2 : ±0.6 dB

### Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	14.6 (371)
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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