

CT3150F-3 Combiner, cavity-ferrite, 3-channel, open cabinet, 0.06 MHz separation, 148-174 MHz

- 3 channel combiner with dual stage isolators and 10" high 'Q' bandpass cavity for each channel
- Can be tuned over the 148-174 MHz frequency band
- Cavities are mounted in Sinclair's Open Frame Rack

The CT*-150 series consists of two to eight cavities with companion isolators mounted in open frames for use in the 132-174 MHz frequency range. CT*-150F combiners provide excellent performance with minimal insertion losses for frequency separation of 60 KHz or more. By incorporating a hybrid to couple two 4-channel units, 8 channels with 30 KHz spacing can be combined with a typical insertion loss of 8 dB, a significant improvement over a conventional hybrid-ferrite 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		CT3150F-3	Issue: 4	Dated: 30-11-16

Electrical Specifications

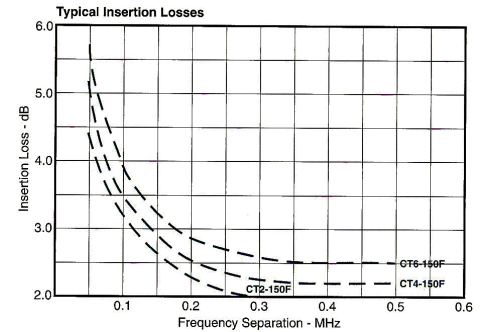
Frequency Range	MHz	148 to 174
Input VSWR (max)		1.25:1
Maximum Input Power (per channel)	W	125
Input Connectors		N-Female
Output Connectors		N-Female
Frequency separation (min)	MHz	0.06
Isolation Tx to Tx	dB	70
Isolation antenna to Tx	dB	60
Output VSWR		1.5:1
Number of channels		3

Mechanical Specifications

Width	in (mm)	21 (533)
Depth	in (mm)	21 (533)
Length/ Height	in (mm)	38 (965)
Finish		chemical conversion
Weight	lbs (kg)	90 (40.86)
Shipping dimensions	in (mm)	21x21x42 (533x533x1067)

Environmental Specifications

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