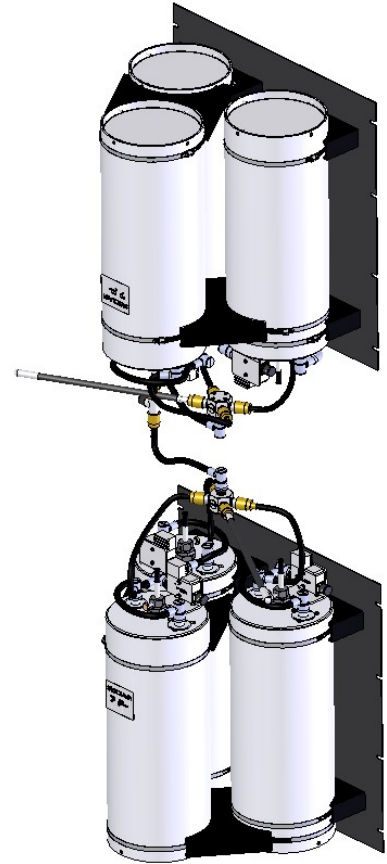


TJ4236-746/806-3 Combiner, cavity-ferrite, 7" cans, 6 channels, 760-780 MHz

- 6 channels with dual stage isolators
- Cavities are mounted on 19" Panel mount

Sinclair's 'TJ4-746-806' series cavity ferrite transmitter combiners are available in standard 2 to 6 channels configurations for use in systems from 746-806 MHz. Each channel on these combiners includes a low-loss single or dual-stage isolator and Sinclair-developed High 'Q' bandpass cavity filter. The 'TJ4-746-806' series utilizes very high 'Q' three-quarter wavelength cavities, and is especially suitable for close channel separations, typically 250 KHz.

All models are 19-inch rack mountable and can be re-tuned in the field with simple test equipment. The 746-806 MHz models use standard 19" panel mounts. The 'TJ4-746-806' series combiner is easily expanded to 20 channels, and is the building block used in many Sinclair combining systems.



Product may not appear exactly as shown

www.sinctech.com

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+1 905 727 0165 ext 232	Canada: 1 905 726 7676 International: +1 905 726 7676	+1 905 727 0165 ext 287
E-mail	salesusa@sinctech.com	salesemea@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com
Product Specification Sheet		TJ4236-746/806-3	Issue: 3	Dated: 12-04-24

**Electrical Specifications**

Frequency Range	MHz	760 to 780
Number of channels		6
Input Connectors		N-Female
Output Connectors		N-Female
Input VSWR (max)		1.25:1
Output VSWR		2:1
Insertion Loss (max) Tx to Ant	dB	4
Power (Per Channel)	W	125
Frequency separation (min)	MHz	0.25
Isolation Tx to Tx	dB	70
Isolation antenna to Tx	dB	60
Cavity electrical length		3/4

**Mechanical Specifications**

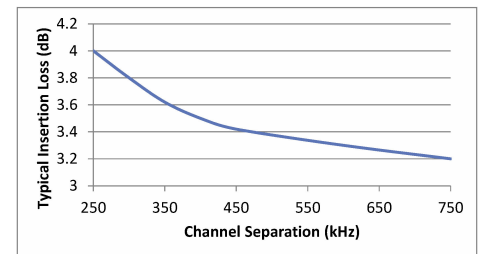
Width	in (mm)	19 (483)
Depth	in (mm)	13 (330)
Length/ Height	in (mm)	38.2 (970)
Cavity width or diameter	in (mm)	7 (178)
Finish		chromate conversion
Weight	lbs (kg)	62 (28.15)

**Environmental Specifications**

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

Specify frequencies when ordering



Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+1 905 727 0165 ext 232	Canada: 1 905 726 7676 International: +1 905 726 7676	+1 905 727 0165 ext 287
E-mail	salesusa@sinclaire.com	salesemea@sinclaire.com	salescan@sinclaire.com	salesasia@sinclaire.com
Product Specification Sheet		TJ4236-746/806-3	Issue: 3	Dated: 12-04-24