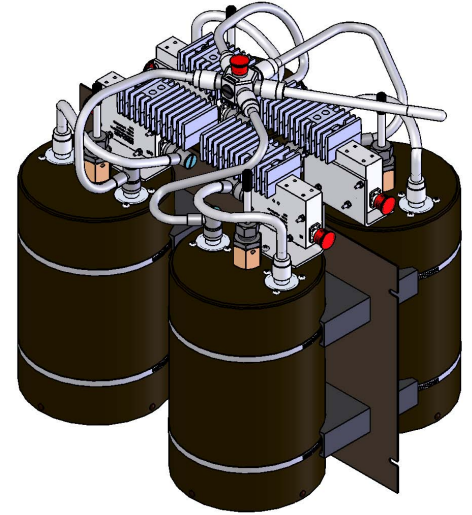


TJ3214-R-E6383 Cavity-Ferrite Transmitter Combiner, 4 Channels, 7" Cavities, 361-366 MHz

- Low loss broad band dual stage isolators
- Allows for minimum Tx-Tx spacings of 250 KHz
- Expandable for more channels
- Uses high 'Q' 1/4 wave bandpass cavity filters

Sinclair's 'TJ3x1y-R-z' series cavity ferrite transmitter combiners are available in 2 to 8 channel configurations for use in systems in UHF & Tetra. Each channel on these combiners includes a low-loss, broad band single or dual-stage isolator and High 'Q' 1/4 wave bandpass cavity filter suitable for close channel separations, typically 250 KHz.



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		TJ3214-R-E6383	Issue: 0	Dated: 11-09-17

Electrical Specifications

Frequency Range	MHz	361 to 366	
Number of channels		4	
Input Connectors		N-Female	
Output Connectors		N-Female	
Input VSWR (max)		1.25:1	
Output VSWR		2:1	
Insertion loss (typ) Tx to Ant	dB	3.5	*1
Maximum Input 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		1/4	

Notes

*1 : @ 250 kHz Tx-Tx spacing

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	14.8 (376)
Length/ Height	in (mm)	20 (508)

Ordering Information

Specify one Tx frequency per channel at time of order.

Environmental Specifications

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