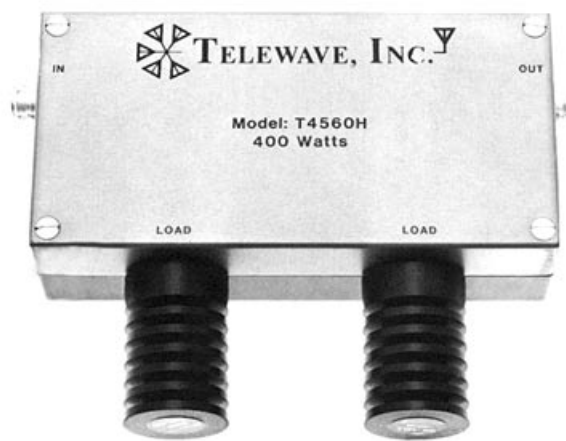
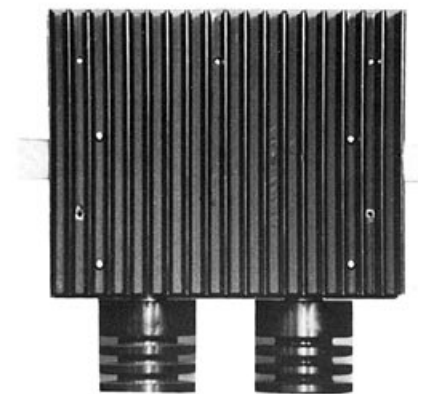


## **HIGH POWER ISOLATORS**

### **SINGLE AND DUAL STAGE TO 400 WATTS**


**T1530H**

**T1560H**

**T4530H**

**T4560H**

**T8660H**

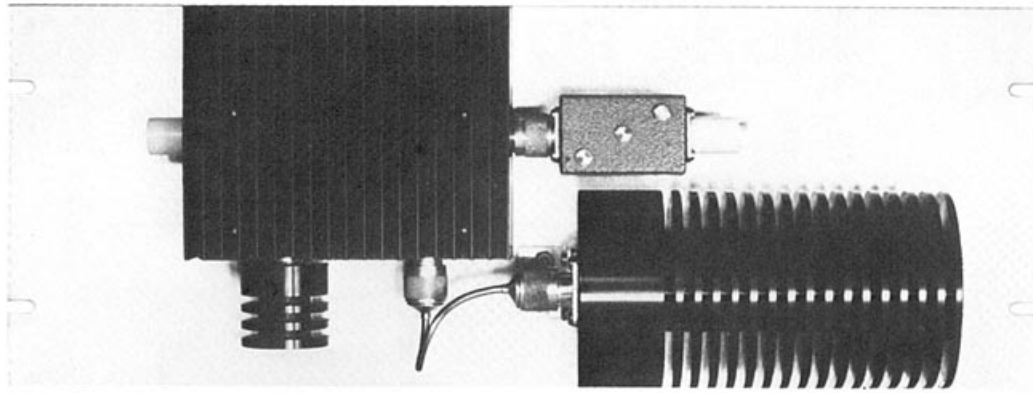
Telewave High Power Isolators provide maximum effectiveness in intermodulation suppression. Each dual-stage unit can provide as much as 85 dB isolation for adjacent channel suppression, and better than 60 dB across the entire bandwidth. The low loss characteristic of the Telewave design insures maximum power transfer to the antenna system.

Telewave High Power Isolators are available in single or dual stage configurations, with 10-15 MHz tuning ranges from 132 to 960 MHz. Power capability of up to 400 watts is available, and many different termination options can be specified. One or two removable 60 watt loads are supplied standard. Telewave isolators are magnetically compensated to allow mounting on any surface without significant detuning. Circulation direction may be specified for special mounting situations.

**Page 1 of 2**

**TELEWAVE, INC.** 660 Giguere Court San Jose, CA 95133  
 Toll Free: 1-800-331-3396 Direct: 408-929-4400 Fax: 408-929-4080  
<http://www.telewave.com> Email: [sales@telewave.com](mailto:sales@telewave.com)

# HIGH POWER ISOLATORS



**HIGH POWER INTERMODULATION SUPPRESSION PANEL**  
T8660H Isolator, TLF-850 Low Pass Filter & TWL-100 Load

## Single Ferrite Isolator

	T1530H	T4530H
Frequency Range (MHz)	148 - 174	406 - 512
Bandwidth (MHz)	5	10
Isolation (dB)		
Center Frequency	45	50
Minimum Isolation (dB)	23	35
Insertion Loss (dB)	.35	.35
VSWR (Max)	1.25 : 1	1.25 : 1
Maximum Power (Watts)	300	400
Connectors	N	N
Temperature Range	-30° C + 60° C	-30° C + 60° C
Dimensions (W / O Loads)	5 L x 4.75 H x 2.5 D	5.5 L x 4.5 H x 2.5 D

## Dual Ferrite Isolator

	T1560H	T4560H	T8660H
Frequency Range (MHz)	148 - 174	406 - 512	806 - 960
Bandwidth (MHz)	5	10	10
Isolation (dB)			
Center Frequency	70	80	85
Minimum Isolation (dB)	45	60	60
Insertion Loss (dB)	1	.5	.5
VSWR (Max)	1.25 : 1	1.25 : 1	1.25 : 1
Maximum Power (Watts)	300	400	300
Connectors	N	N	N
Temperature Range	-30° C + 60° C	-30° C + 60° C	-30° C + 60° C
Dimensions (W / O Loads)	10.5 L x 4.75 H x 2.5 D	9 L x 4.5 H x 2.5 D	6.75 L x 5 H x 2.75 D

Isolators are normally supplied with 35 Watt loads. Optional loads to 300 Watts are available. Consult the factory for specific load requirements, special mounting or mechanical configurations.

To prevent radiation of harmonics, a cavity or harmonic filter should be placed between the isolator and the antenna. Consult the factory for recommendations.

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