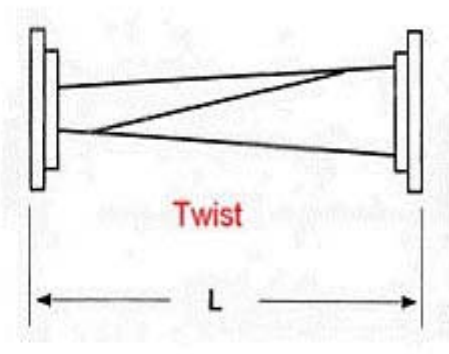
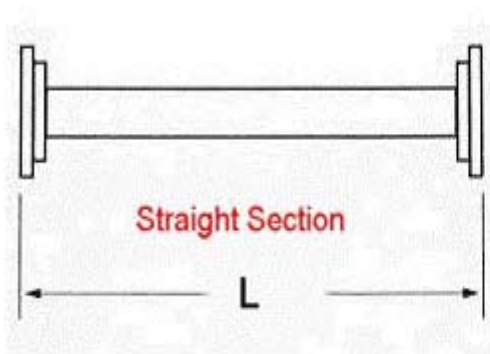


### **Straight & Twist Sections**

**CMI's** Straight Sections of Rectangular Waveguide are useful for field and laboratory applications where lowest loss and VSWR are required. The waveguide conforms to MIL-W-85. Up to 12 feet long Straight Sections can be supplied.

VSWR of Standard Waveguide models is 1.05 typical, 1.08 max. over the full waveguide band, while insertion loss is essentially that of straight waveguide. Units are available in aluminum or copper. Finish is chromate conversion per MIL-C-5541, Class 3 for aluminum and corrosion resistant coatings for all others, painted with gray enamel.



**CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.**

**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407**  
**(814) 664-7728 Fax (814) 664-4582 [www.cormic.com](http://www.cormic.com)**

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Typical Part #: \_\_\_\_\_

Basic Model#: \_\_\_\_\_

Material: \_\_\_\_\_  
A=Alum, B=Brass, C=Copper

L (in): \_\_\_\_\_

Flange 1: \_\_\_\_\_  
1=CPRG, 2=CPRF, 6=Cover, 7=Choke

Flange 2: \_\_\_\_\_  
1=CPRG, 2=CPRF, 6=Cover, 7=Choke

**Example:**

CMI340-TA-15-6-6 is WR340 twist Aluminum material - 15(in) - Cover Flg - Cover Flg

CMI340-SA-12-6-6 is WR340 straight section Aluminum material - 12(in) - Cover Flg - Cover Flg

Standard Models			
WG Size	Freq GHz	90 Degree Twist Model No*	Straight Sections Model No*
WR650	1.00 - 1.70	CMI650-TA-24-2-2	CMI650-SA-12-2-2
WR430	1.70 - 2.60	CMI430-TA-16-2-2	CMI430-SA-12-2-2
WR340	2.20 - 3.30	CMI340-TA-15-2-2	CMI340-SA-12-2-2
WR284	2.60 - 3.95	CMI284-TA-12-6-6	CMI284-SA-10-6-6
WR229	3.30 - 4.90	CMI229-TB-12-2-2	CMI229-SB-6-2-2
WR187	3.95 - 5.85	CMI187-TA-8-6-6	CMI187-SA-6-6-6
WR159	4.09 - 7.05	CMI159-TB-6-2-2	CMI159-SB-6-2-2
WR137	5.85 - 8.20	CMI137-TB-6-2-2	CMI137-SB-6-2-2
WR112	7.05 - 10.0	CMI112-TB-6-6-6	CMI112-SB-6-6-6
WR102	7.00 - 11.0	CMI102-TA-6-6-6	CMI102-SA-6-6-6
WR90	8.20 - 12.4	CMI90-TA-5-6-6	CMI90-SA-6-6-6
WR75	10.0 - 15.0	CMI75-TB-4-6-6	CMI75-SB-6-6-6
WR62	12.4 - 18.0	CMI62-TB-4-6-6	CMI62-SB-6-6-6
WR51	15.0 - 22.0	CMI51-TB-4-6-6	CMI51-SB-6-6-6
WR42	18.0 - 26.5	CMI42-TB-3-6-6	CMI42-SB-3-6-6
WR34	22.0 - 33.0	CMI34-TB-3-6-6	CMI34-SB-3-6-6
WR28	26.5 - 40.0	CMI28-TB-3-6-6	CMI28-SB-3-6-6

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