

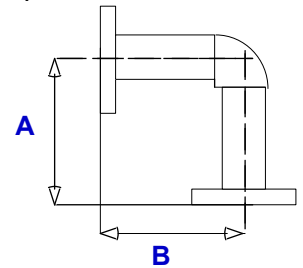
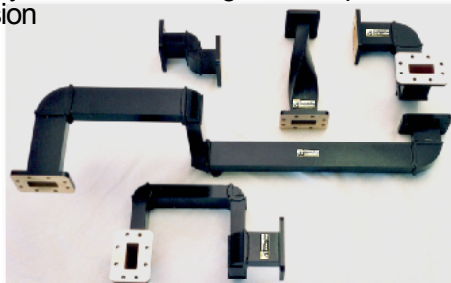
Straight Sections and Waveguide Bends Series

Canteq supplies simple flanged straight pieces of waveguide and combinations of rigid and flexible waveguide including 90 degree "E" and "H" Bends. Integrated assemblies are built to customer specifications and they are available in waveguide sizes from WR284 to WR28. Ordinary waveguide components are underestimated by many manufacturers. At Canteq we take at heart these simple components and we use the latest in passivation and cleaning processes in order to make sure that your waveguide joints will not deteriorate and that corrosion

due to poor cleaning and passivation will not occur. We use Oxygen Free Copper waveguide that reaches minimum conductivity of 97.6 which means low insertion loss and great performance. All of this may sound expensive. **How about price?**

Canteq will offer you all the above quality materials and workmanship at the lowest price in the industry. By the way, we forgot to mention that included in our low pricing there is **Silver Solder** for every joint and flange of our waveguide components. **No cheap soft solder stuff.**

STRAIGHT AND TWIST SECTIONS				
Model No Straight	Model No TWIST	W/G (WR)	Minimum Length Straight TWIST	
C1161-1	C1171-1	284	3.00"	9.25"
C1161-2	C1171-2	229	3.00"	8.00"
C1161-3	C1171-3	187	3.00"	7.00"
C1161-4	C1171-4	159	3.00"	6.00"
C1161-5	C1171-5	137	3.00"	6.00"
C1161-6	C1171-6	112	2.00"	3.75"
C1161-7	C1171-7	90	2.00"	2.75"
C1161-8	C1171-8	75	2.00"	2.25"
C1161-9	C1171-9	62	1.00"	2.00"
C1161-10	C1171-10	51	1.00"	1.50"
C1161-11	C1171-11	42	1.00"	1.25"



C1181 CAST BEND and C1182 SWEPT BEND

Model No Cast Bend	Model No Swept Bend	W/G (WR)	Freq. Range* (GHz)	Dimension A & B	
			CAST SWEPT		
C1181-1	C1182-1	284	2.60-3.95	3.75"	10.00"
C1181-2	C1182-2	229	3.30-4.90	3.00"	9.00"
C1181-3	C1182-3	187	3.95-5.85	2.75"	8.50"
C1181-4	C1182-4	159	4.90-7.05	2.75"	6.00"
C1181-5	C1182-5	137	5.85-8.20	2.00"	5.00"
C1181-6	C1182-6	112	7.05-10.00	2.00"	4.00"
C1181-7	C1182-7	90	8.20-12.40	1.75"	2.00"
C1181-8	C1182-8	75	10.00-15.00	1.50"	1.50"
C1181-9	C1182-9	62	12.40-18.00	1.50"	1.50"
C1181-10	C1182-10	51	15.00-22.00	1.25"	1.50"
C1181-11	C1182-11	42	18.00-26.50	1.00"	1.50"

* For better performance, please specify your operating frequency

How to order the right part:

a) Straight sections

Canteq Model No
C1161-5-30-2-2 is:

Model No	Length	Flanges
C1161-5	30	2-2

a WR137 having a and CPRF straight wave-length of flanges at guide section. 30 inches both ends.



F L A N G E C O D E	Code	Flange (Material: Brass)
	1	CPR-G
	2	CPR-F
	3	CMR Standard 4clear/4tapped holes
	4	CMR 8 clear holes
	5	CMR 8 tapped holes
	6	UG Cover
	7	UG Groove
	8	Special: "Specify"
	9	PDR
10	UDR	