

Waveguide Twists

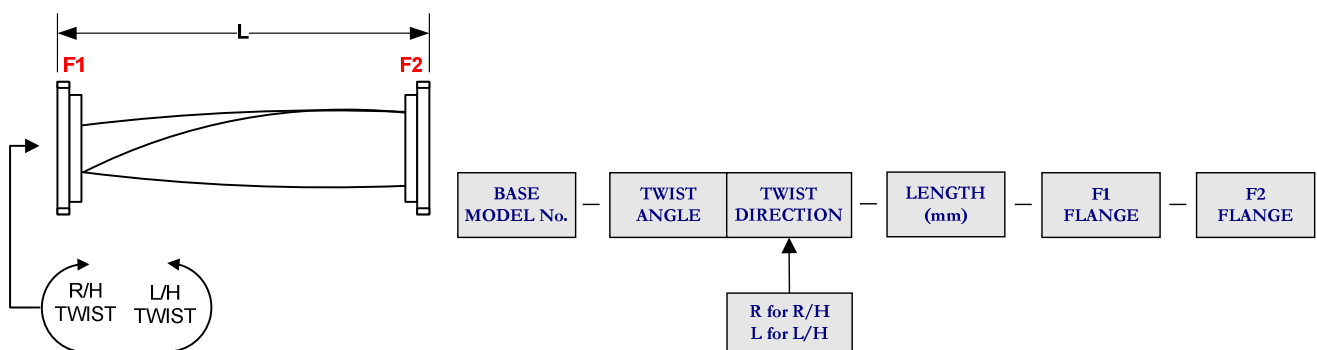
Luso Electronics range of twists is available in any angle and left or right handed. They exhibit a typical VSWR of better than 1.05 over the full waveguide band. They can also be incorporated into a complex multi-bend assembly. Standard construction is copper waveguide with brass flanges. For custom design requirements please contact the sales office.

Standard product table

WAVEDUIDE SIZE		FREQUENCY RANGE (GHz)	BASE MODEL No.
WR284	WG10	2.60 - 3.95	LU284TW
WR229	WG11A	3.30 - 4.90	LU229TW
WR187	WG12	3.95 - 5.85	LU187TW
WR159	WG13	4.90 - 7.05	LU159TW
WR137	WG14	5.85 - 8.20	LU137TW
WR112	WG15	7.05 - 10.00	LU112TW
WR90	WG16	8.20 - 12.40	LU90TW
WR75	WG17	10.00 - 15.00	LU75TW
WR62	WG18	12.40 - 18.00	LU62TW
WR51	WG19	15.00 - 22.00	LU51TW
WR42	WG20	18.00 - 26.50	LU42TW

FLANGES				
CPR-G = 1	CPR-F = 2	US COVER = 3	US SEAL = 4	PDR = 5
UDR = 6	PBR = 7	UBR = 8	PAR = 9	CAR = 10

For other flange options please contact the sales department



Examples: **LU75TW-90L-150-7-8** is a WR75 90 degree left handed twist with a length of 150mm between the flanges, and a PBR120 and a UBR120 flange.

LU137TW-30R-500-1-1 is a WR137 30 degree right handed twist with a length of 500mm between the flanges, and CPR137G flanges. For other flange types, please specify F1 and F2 on purchase order.