

Flexible Twistable Waveguide

Luso Electronics range of flexible-twistable waveguide is precision made, silver clad and jacketed in neoprene. Lengths up to 2000mm are supplied as standard. For custom design requirements, including other flanges and longer lengths please contact the sales office.

Standard product table

WAVEGUIDE SIZE		FREQUENCY RANGE (GHz)	BEND RADIUS E / H (STATIC)	MEAN POWER (CW)	BASE MODEL No.	VSWR Max*	ATTENUATION dB/m Max**
WR284	WG10	2.60 - 3.95	180/360	6500	LU284FT-	1.05	0.13
WR229	WG11A	3.30 - 4.90	165/330	3000	LU229FT-	1.05	0.13
WR187	WG12	3.95 - 5.85	165/330	3000	LU187FT-	1.05	0.16
WR159	WG13	4.90 - 7.05	130/255	2500	LU159FT-	1.05	0.26
WR137	WG14	5.85 - 8.20	103/206	2000	LU137FT-	1.05	0.30
WR112	WG15	7.05 - 10.00	77/154	1260	LU112FT-	1.07	0.40
WR90	WG16	8.20 - 12.40	64/128	950	LU90FT-	1.07	0.50
WR75	WG17	10.00 - 15.00	64/128	750	LU75FT-	1.08	0.60
WR62	WG18	12.40 - 18.00	52/104	220	LU62FT-	1.10	0.90
WR42	WG20	18.00 - 26.50	40/80	100	LU42FT-	1.18	2.30
WR28	WG22	26.50 - 40.0	40/80	100	LU28FT-	1.30	3.30

* Calculated for 1M length with plain flanges

** At band centre

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
Flange Finish:	Unplated = U		Silver Plated = S	

Examples: LU75FT-1500-7-8-U is a WR75 Flexible twistable assembly 1500mm long with one PBR120 flange and one UBR120 flange and unplated.

LU137FT-500-1-2-S is a WR137 Flexible twistable assembly 500mm long with one CPR137G flange and one CPR137F flange and is silver plated

