

Waveguide to Coaxial Adaptors

Luso Electronics range of waveguide to coaxial adaptors are symmetrical devices allowing transmission in either direction. Standard construction is copper waveguide with brass flanges. For custom design requirements, including double ridge adaptors, other connectors and narrow bandwidths please contact the sales office.

Standard product table

WAVEGUIDE SIZE		FREQUENCY RANGE (GHz)	STANDARD FLANGES	CONNECTOR TYPE (FEMALE)	BASE MODEL No.	MAX. VSWR
WR284	WG10	2.60 - 3.95	CPR284G	N or SMA	LU284CA	1.10
WR229	WG11A	3.30 - 4.90	CPR229G	N or SMA	LU229CA	1.10
WR187	WG12	3.95 - 5.85	CPR187FG	N or SMA	LU187CA	1.10
WR159	WG13	4.90 - 7.05	CPR159G	N or SMA	LU159CA	1.10
WR137	WG14	5.85 - 8.20	CPR137G	N or SMA	LU137CA	1.10
WR112	WG15	7.05 - 10.00	PBR84	N or SMA	LU112CA	1.10
WR90	WG16	8.20 - 12.40	PBR100	N or SMA	LU90CA	1.15
WR75	WG17	10.00 - 15.00	PBR120	N or SMA	LU75CA	1.20
WR62	WG18	12.40 - 18.00	PBR140	N or SMA	LU62CA	1.20
WR51	WG19	15.00 - 22.00	PBR180	SMA	LU51CA	1.15
WR42	WG20	18.00 - 26.50	PBR220	SMA	LU42CA	1.15

Example: LU75CA-N is a WR75 Waveguide to coaxial adaptor with an N-Type connector. Standard flanges are PBR120. For other flange types, please specify F1 on purchase order.

