

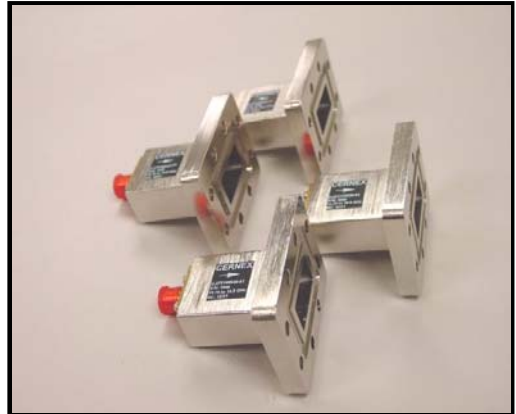
ISO Adapters

FEATURES:

- ❖ Low Cost, High Quality
- ❖ Compact Size, Light Weight
- ❖ High Performance
- ❖ Wide Operation Temperature Range

APPLICATIONS:

- ❖ Load isolation
- ❖ Module integration



CIA Series

SPECIFICATIONS:

ISOLATORS:

Model No.	Frequency Range (GHz)	Band Width (MHz)	Insert. Loss (dB) Max	Isolation (dB) Min	VSWR (Max)	Operating Temp. Range (°C)	Waveguide Type	Size LXWXH (mm)	Type
CIA02030325SI	2.7-3.3	full	0.3	25	1.15	-40-+70	WR284	-	inLine
*CIA03040227SR	3.4-4.8	680	0.25	27	1.12	-40-+70	WR229	-	Right Angle
CIA03040227SI	3.6-4.2	full	0.2	27	1.12	-40-+70	WR229	-	inLine
*CIA04050325G1	4.4-5.0	500	0.3	25	1.20	-	WR187	58X45X71	Right Angle
*CIA04050325G2	4.4-5.0	500	0.3	25	1.15	-	WR187	89X60X71	Right Angle
*CIA04050330G	4.4-5.0	100	0.3	30	1.10	-	WR187	89X60X71	Right Angle
*CIA04050225SI	4.4-5.0	660	0.2	25	1.15	-40-+70	WR187	-	inLine
*CIA04050225SR	4.4-5.8	660	0.25	25	1.15	-40-+70	WR187	-	Right Angle
*CIA04060323SI	4.5-6.0	900	0.3	23	1.15	-40-+70	WR159	-	inLine
*CIA04060323SR	4.5-6.0	900	0.3	23	1.15	-40-+70	WR159	-	Right Angle
*CIA05080325SI	5.9-8.3	880	0.3	25	1.15	-40-+70	WR137	-	inLine
*CIA05080325SR	5.9-8.3	1100	0.3	25	1.15	-40-+70	WR137	-	Right Angle
*CIA07100325SI	7.1-10.0	1000	0.35	25	1.15	-40-+70	WR112	-	inLine
*CIA07100325SR	7.1-10.0	1400	0.35	25	1.15	-40-+70	WR112	-	Right Angle
*CIA07080325G	7.2-8.5	300	0.3	25	1.15	-	WR112	50X48X48	Right Angle
*CIA08120325SI	8.2-12.4	1200	0.35	25	1.15	-40-+70	WR90	-	inLine
*CIA08120325SR	8.2-12.4	1600	0.35	25	1.15	-40-+70	WR90	-	Right Angle
*CIA08090325G1	8.8-9.7	900	0.3	25	1.20	-	WR90	36X42X42	Right Angle
*CIA08090325G2	8.8-9.7	900	0.3	25	1.20	-	WR90	40X42X42	Right Angle
*CIA10130325SI	10.4-13.5	1500	0.35	25	1.15	-40-+70	WR75	-	inLine
CIA10120422G	10.7-12.8	full	0.4	22	1.20	-	WR75	30.2X38X38	Right Angle
*CIA12180330G	12.4-18.0	100	0.3	30	1.10	-	WR62	49X25X33	Right Angle

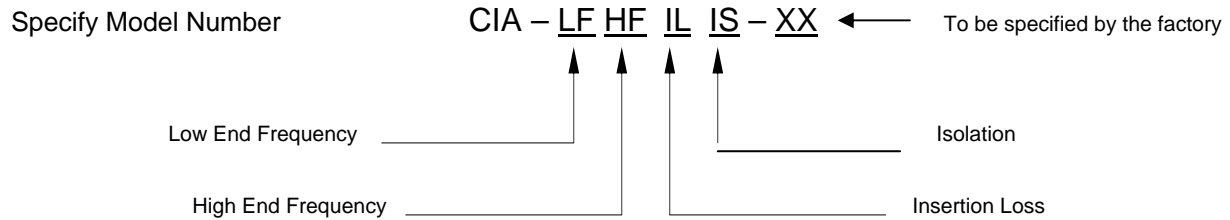
ISO Adapters

Model No.	Frequency Range (GHz)	Band Width (MHz)	Insert. Loss (dB) Max	Isolation (dB Min)	VSWR (Max)	Operating Temp. Range (°C)	Waveguide Type	Size LXWXH (mm)	Connector Type
*CIA12180325G1	12.4-18.0	500	0.3	25	1.15	-	WR62	49X25X33	Right Angle
CIA12180325G2	12.4-18.0	full	0.3	25	1.20	-	WR62	26X37X33	Right Angle
*CIA12180325SR	12.5-18.0	2500	0.35	25	1.15	-40-+70	WR62	-	Right Angle
*CIA12140325G	12.7-14.5	800	0.3	25	1.20	-	WR75	36X38X38	Right Angle

OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

*THE SPECIFICATIONS FOR THESE MODELS ARE ONLY FOR THE SPECIFIED FREQUENCY BW.

HOW TO ORDER CUSTOM PARTS:



Example: To order a 2-4 GHz isolator adapter with 0.5 dB maximum insertion loss and 20 dB minimum isolation and, specify CIA-02040520-XX.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE