



KEYEE MICROWAVE TECHNOLOGY CO., LTD.

Waveguide isolator

Keyee Microwave manufactures a wide selection of waveguide isolators which is a wide selection of waveguide isolators are 3 or 4 port ferromagnetic devices used to regulate the RF signal flow within a system with minimal loss. Available in waveguide sizes WR650 to WR10 and WRD580 to WRD180 for double ridged.

Both low, medium and high power type are available and can be done structure as Standard and Differential Phase Shift isolator. Either standard waveguide or double ridged can be manufactured and custom.

Typical Specifications:

Isolation: 26 dB min

Insertion Loss: 0.15 dB max

VSWR: 1.10 : 1 max

For more information or any interested model, please contact our sales engineers





Technical parameter

P/N	Frequency(GHz)	Bandwidth(MHz)	VSWR	IL(dB)	Iso.(dB)	WG Type		Material	Flange type
KY650WIST20CCGA200	1.13-1.73	70	1.2	0.3	20	WG 6	R14/WR650	Al	FDP/FDM
KY510WIST20CCGA200	1.45-2.20	90	1.2	0.3	20	WG 7	R18/WR510	Al	FDP/FDM
KY430WIST20CCGA200	1.72-2.61	110	1.2	0.3	20	WG 8	R22/WR430	Al	FDP/FDM
KY340WIST20CCGA200	2.17-3.30	130	1.2	0.3	20	WG 9A	R26/WR340	Al	FDP/FDM
KY284WIST20CCGA200	2.60-3.95	160	1.2	0.3	20	WG 10	R32/WR284	Al	FDP/FDM
KY229WIST20CCGA200	3.22-4.90	400	1.2	0.3	20	WG 11A	R40/WR229	Al	FDP/FDM
KY187WIST20CCGA200	3.94-5.99	490	1.2	0.3	20	WG 12	R48/WR187	Al	FDP/FDM
KY159WIST20CCGA200	4.64-7.05	580	1.2	0.3	20	WG 13	R58/WR159	Al	FDP/FDM
KY137WIST20CCGA200	5.38-8.17	700	1.2	0.3	20	WG 14	R70/WR137	Al/Cu	FDP/FDM
KY112WIST20CCGA200	6.57-9.99	700	1.2	0.3	20	WG 15	R84/WR112	Al/Cu	FBP/FBM/FBE
KY90WIST20CCGA200	8.20-12.40	800	1.2	0.3	20	WG 16	R100/WR90	Al/Cu	FBP/FBM/FBE
KY75WIST20CCGA200	9.84-15.0	1000	1.2	0.3	20	WG 17	R120/WR75	Al/Cu	FBP/FBM/FBE



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KY62WIST20CCGA200	11.9-18.0	1000	1.2	0.3	20	WG 18	R140/WR62	Al/Cu	FBP/FBM/FBE
KY51WIST20CCGA200	14.5-22.0	1000	1.25	0.3	20	WG 19	R180/WR51	Al/Cu	FBP/FBM/FBE
KY42WIST20CCGA200	17.6-26.7	2000	1.25	0.3	20	WG 20	R220/WR42	Al/Cu	FBP/FBM/FBE
KY34WIST20CCGA200	21.7-33.0	2000	1.25	0.3	20	WG 21	R260/WR34	Al/Cu	FBP/FBM/FBE
KY28WIST20CCGA200	26.3-40.0	2000	1.25	0.4	20	WG 22	R320/WR28	Al/Cu	FBP/FBM/FBE
KY22WIST20CCGA200	32.9-50.1	2000	1.35	0.6	17	WG 23	R400/WR22	Cu	FBP/FBM/FBE
KY19WIST20CCGA200	39.2-59.6	2000	1.5	0.6	15	WG24	R500/WR19	Cu	FUGP
KY15WIST20CCGA200	49.8-75.8	2000	1.5	0.6	15	WG25	R/620WR15	Cu	FUGP
KY12WIST20CCGA200	60.5-91.9	2000	1.5	0.8	15	WG26	R740WR12	Cu	FUGP
KY10WIST20CCGA200	73.8-112	2000	1.5	1	15	WG27	R900/WR10	Cu	FUGP

Ordering P/N information
Example: KY650WIST20CCGA200

Numbers in P/N	Indicate
KY	Keyee Microwave



KEYEE MICROWAVE TECHNOLOGY CO., LTD.

650	Waveguide size
WIST	Waveguide isolator
20	Isolation
G	Groove flange
C	Cover flange
A	Material
200	Power handling 200W