

## High-Power Double Junction Waveguide Circulators

### FEATURES:

- ❖ Low Cost, High Quality
- ❖ Compact Size
- ❖ High Performance
- ❖ Wide Operation Temperature Range
- ❖ Common Wireless Communication Frequency Bands in 1-40 GHz range

### APPLICATIONS:

- ❖ Load isolation
- ❖ Receiver input VSWR
- ❖ Transmitter output VSWR
- ❖ Transceiver Diplexers



**CDJ Series**

### SPECIFICATIONS:

Model No.	Frequency Range (GHz)	Band Width (MHz)	Insert Loss (dB Max)		Isolation (dB Min)		VSWR (Max)	Operating Temp. Range (°C)	Power		Size L (mm)	Flange Type
			1-2	2-3	2-1	1-3			PK (KW)	AVG (W)		
*CDJ01010435J	1.15-1.70	150	0.6	0.4	35	20	1.20	-10~+55	400	4000	720	FDP-14
*CDJ08100435J	8.90-10.50	600	0.6	0.4	35	20	1.20	-40~+70	100	100	80	FB-100
CDJ09090535J	9.27-9.47	200	0.9	0.5	35	20	1.20	-40~+70	125	125	145	-
*CDJ14170435J	14.00-17.50	1000	0.7	0.4	35	20	1.20	-40~+70	90	90	84	FB-140
*CDJ33350435J	33.50-35.50	1000	0.7	0.4	35	20	1.20	-40~+70	20	20	60	FB-320

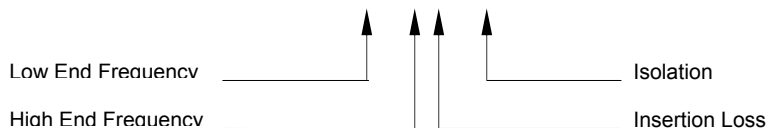
OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

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

### HOW TO ORDER:

Specify Model Number

CDJ - LF HF IL IS - XX ← To be specified by the factory



**Example:** To order a 1.8-2.0 GHz isolator with 0.3 dB maximum insertion loss and 20 dB minimum isolation and, specify CDJ-01020320-XX.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE

