

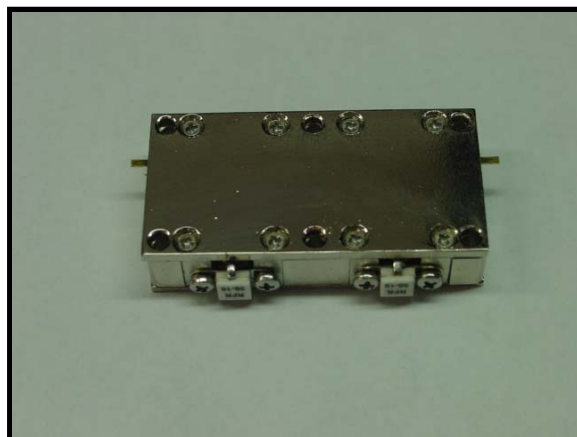
## Dual-junction Coaxial Isolators and Circulators

### 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



**CDJI & CDJC Series**

### SPECIFICATIONS:

#### Dual-junction Coaxial Isolators

Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR (Max)	Operating Temp. Range (°C)	Power (W)	Size LXWXH (mm)
*CDJIU8U80650G	0.86-0.89	-	0.60	50	1.20	-40 to +85	150	CH39
*CDJIU9U90650G	0.93-0.96	-	0.60	50	1.20	-40 to +85	150	CH39
*CDJI01010650G	1.80-1.88	-	0.60	50	1.20	-40 to +85	150	CH40
*CDJI01010650G1	1.93-1.99	-	0.60	50	1.20	-40 to +85	150	CH40
*CDJI02020650G	2.11-2.17	-	0.60	50	1.20	-40 to +85	150	CH40

OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

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

#### Dual-junction Coaxial Circulators

Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR (Max)	Operating Temp. Range (°C)	Power (W)	Size LXWXH (mm)
*CDJCU8U80650G	0.86-0.89	-	0.60	50	1.20	-40 to +85	150	CH41
*CDJCU9U90650G	0.93-0.96	-	0.60	50	1.20	-40 to +85	150	CH41
*CDJC01010650G	1.80-1.88	-	0.60	50	1.20	-40 to +85	150	CH42
*CDJC01010650G1	1.93-1.99	-	0.60	50	1.20	-40 to +85	150	CH42
*CDJC02020650G	2.11-2.17	-	0.60	50	1.20	-40 to +85	150	CH42

OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

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## Dual-junction Coaxial Isolators and Circulators

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### HOW TO ORDER:

Specify Model Number

**I** for Isolator

**C** for Circulator

Low End Frequency

High End Frequency

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

Isolation

Insertion Loss

**Example:** To order a 0.8-0.8 GHz Dual-junction isolator with 0.6 dB maximum insertion loss and 50 dB minimum isolation and, specify CDJIU8U80650G

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE