

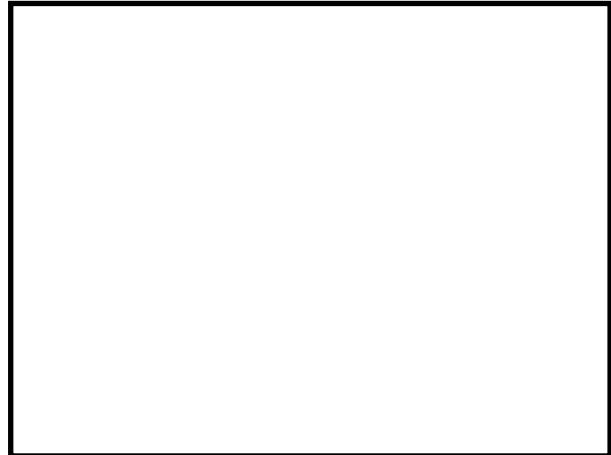
## Digital Phase Shifters

### FEATURES:

- ❖ Frequency Range: 1.0-37GHz
- ❖ High Performance and Compact size
- ❖ Available in 4 to 6 bits resolution
- ❖ Economically Priced

### APPLICATIONS:

- ❖ Satellite Communication
- ❖ Radar System
- ❖ Transmit/Receive
- ❖ Phased Arrays



**CSD Series**

### SPECIFICATIONS:

Model Number	Frequency Range (GHz)	BIT-NUMBER	Insertion Loss (dB) Typ.	Accuracy (°) Max.	VSWR	Operating Temp. (°C)
CSD01010506TY	1.0-1.9	6	5.3	±6.6	1.3/1.2	*
CSD01010305T	1.0-1.2	5	3	±3	1.5 max.	*
CSD01010206HE	1.2-1.4	6	3	±1 typ.	1.5	-55 to +85
CSD02040305T	2.0-4.0	5	4	±3 typ.	1.5 typ.	-55 to +85
CSD02020204HE	2.2-2.3	4	3	±1 typ.	1.5 typ.	-55 to +85
CSD02040506TY	2.3-4.1	6	6	±6	1.5/1.2	*
CSD03060606TY	3.5-6.0	6	7	±8	1.5/1.7	*
CSD04080505T	4.0-8.0	5	6	±3	1.5 max.	*
CSD05060204HE	5.0-6.0	4	4	±1 typ.	1.5	-55 to +85
CSD06181205TY	6.0-18.0	5	12	±10	1.6	*
CSD06180905HE	6.0-18.0	5	9	±11 typ.	2	-55 to +85
CSD06181205T	6.0-18.0	5	12	±11.2	2	*
CSD07121006TY	7.0-12.0	6	10	±6	2.5/1.8	*
CSD08121005HE	8.0-12.0	5	10.0±5	±5 typ.	2	-55 to +85
CSD08110506TQ	8.5-11.0	6	7	*	*	*
CSD09100806HE	9.0-10.0	6	8.0±2.0	±2 typ.	1.5	-55 to +85
CSD09100604HE	9.0-10.0	4	6.0±5	±5 typ.	1.5	-55 to +85
CSD18200505TQ	18.0-20.0	5	7	±3	*	*
CSD28320605TQ	28.0-32.0	5	9	*	*	*
CSD32370705TQ	32.0-37.0	5	10	*	*	*

OTHER FREQUENCIES ARE ALSO AVAILABLE

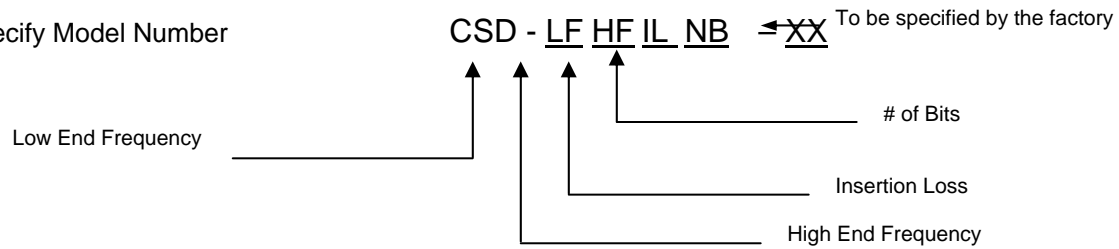
\*CONSULT THE FACTORY

## Digital Phase Shifters

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### HOW TO ORDER:

Specify Model Number



**Example:** To order a CSD with Low End Frequency at 1.0GHz and High End Frequency at 1.9GHz with 6-Bit at Insertion Loss of 5.3dB , specify CSD0105306-XX.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE