

Coaxial DC Blocks

FEATURES:

- ❖ Frequency Range: 0.01GHz-65GHz
- ❖ Resonant-Free
- ❖ Compatible with Different Connector Types
- ❖ Built-in Capacitor In-Series
- ❖ Economically Priced

APPLICATIONS:

- ❖ Driver for Fiber-optic Amplifier
- ❖ Ground loop elimination
- ❖ Signal source modulation leakage suppression
- ❖ System signal-to-noise ratio improvement
- ❖ Test setup isolation



CDB Series

SPECIFICATIONS:

SMA:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV11801	0.01-18	SMA-M/F	200	Inner
CDBV11802	0.01-18	SMA-M/F	200	Outer
CDBV11803	0.01-18	SMA-M/F	200	Inner/Outer

N, BNC, TNC, 2.9mm, 2.4mm:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV10404	0.01-4	BNC-M/F	200	Inner
CDBV10405	0.01-4	BNC-M/F	200	Outer
CDBV10406	0.01-4	BNC-M/F	200	Inner/Outer
CDBV11807	0.01-18	N-M/F	200	Inner
CDBV11808	0.01-18	N-M/F	200	Outer
CDBV11809	0.01-18	N-M/F	200	Inner/Outer
CDBV11810	0.01-18	TNC-M/F	200	Inner
CDBV11811	0.01-18	TNC-M/F	200	Outer
CDBV11812	0.01-18	TNC-M/F	200	Inner/Outer
CDBV12613	0.01-26.5	2.9K-M/F	200	Inner
CDBV12614	0.01-26.5	2.9K-M/F	200	Outer
CDBV12615	0.01-26.5	2.9K-M/F	200	Inner/Outer
CDBV14016	0.01-40	2.9K-M/F	200	Inner
CDBV14017	0.01-40	2.9K-M/F	200	Outer
CDBV14018	0.01-40	2.9K-M/F	200	Inner/Outer
CDBV15019	0.01-50	2.4K-M/F	75	Inner
CDBV15020	0.01-50	2.4K-M/F	75	Outer
CDBV15021	0.01-50	2.4K-M/F	75	Inner/Outer



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Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV16522	0.01-65	2.4K-M/F	16	Inner
CDBU30223	0.30-2.5	7/16 DIN-M/F	100	Inner

HIGH VOLTAGE:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBU10424	0.1-4	SMA-M/F	900	Inner
CDBU11825	0.1-18	SMA-M/F	950	Inner
CDBU11826	0.1-18	N-M/F	950	Inner
CDBU11827	0.1-18	TNC-M/F	950	Inner
CDBU80228	0.8-2.8	7/16 DIN-M/F	3000	Inner

BROADBAND:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBH72329	0.007-23	SMA-M/F	100	Inner
CDBH72630	0.007-26.5	GPO-M/F	50	Inner
CDBH72631	0.007-26.5	GPO-M/F	50	Inner
CDBH72632	0.007-26.5	SMP-M/F	50	Inner
CDBH72633	0.007-26.5	SMP-M/F	50	Inner
CDBH74034	0.007-40	2.9K-M/F	35	Inner
CDBH75035	0.007-50	2.4K-M/F	35	Inner

75Ohm, IN SERIES:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV10236	0.01-2	F-M/F	200	Inner
CDBV10237	0.01-2	F-M/F	200	Outer
CDBV10238	0.01-2	F-M/F	200	Inner/Outer
CDBU10439	0.1-4	N-M/F	200	Inner
CDBU10440	0.1-4	N-M/F	200	Outer
CDBU10441	0.1-4	N-M/F	200	Inner/Outer
CDBU10442	0.1-4	BNC-M/F	200	Inner
CDBU10443	0.1-4	BNC-M/F	200	Outer
CDBU10444	0.1-4	BNC-M/F	200	Inner/Outer

BETWEEN SERIES:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV10445	0.01-4	BNC-M/SMA-F	100	Inner
CDBV11846	0.01-18	N-M/SMA-M	200	Inner
CDBV11847	0.01-18	N-M/SMA-F	200	Inner
CDBV11848	0.01-18	N-F/SMA-M	200	Inner



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Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV11849	0.01-18	N-F/SMA-F	200	Inner
CDBV14050	0.01-40	2.4K-M/2.9K-F	200	Inner
CDBV14051	0.01-40	2.4K-F/2.9K-M	200	Inner
CDBV14052	0.01-40	2.4K-F/2.9K-F	200	Inner

ATTENUATORS:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV10253	0.01-2	SMA (1-20dB)	200	Inner
CDBV10254	0.01-2	N (1-20dB)	200	Inner
CDBV10255	0.01-2	TNC (1-20dB)	200	Inner
CDBV10256	0.01-2	F 75Ω (1-20dB)	200	Inner

TERMINATIONS:

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBV31857	0.03-18	SMA	100	Inner
CDBV31858	0.03-18	N	100	Inner
CDBV32359	0.03-23	SMP-F	100	Inner
CDBU15060	0.1-50	SMPM-M	10	Inner

CONNECTORS (0.012" Dia. Pin):

Model Number	Frequency Range (GHz)	Configuration	Voltage Rating	Type
CDBH74561	0.007-45	2.9K-F	25	Inner
CDBH74562	0.007-45	2.9K-M	25	Inner
CDBH74563	0.007-45	2.4K-F	25	Inner
CDBH74564	0.007-45	2.4K-M	25	Inner
CDBV25065	0.025-50	1.8K	25	Inner

OTHER COMBINATIONS AND ADAPTERS ARE ALSO AVAILABLE. PLEASE, CONTACT THE FACTORY

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE