



DNB ENGINEERING

Testing and Engineering Services

LISN DB4311

Product Information

Version 1.0

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1. Description

The DB4311 line impedance stabilization network (LISN) are designed to meet the requirements of CISPR 16-1-2, CISPR 22, CISPR 15, ANSI 63.4, and FCC part 15 specifications. Both the 50Ω/50μH and 50Ω/50μH+5Ω circuits are options. LISN's are available in multiple configurations and a wide variety of terminations. Additional customizations can be made at request including voltage, current ratings, number of circuits, etc.

Inductance:	50μH, 50μH/250μH
Frequency Range:	150kHz – 30MHz, 9kHz – 30MHz
Current Ratings:	15A, 25A, 50A, 100A
Voltage Ratings:	DC – 400V, 60Hz – 270VAC, 400Hz – 130VAC
Circuits:	Single, Double
RF Connector:	BNC, N
Terminations:	Binding Post (5 way), Supercon, Receptacles*

2. Catalog

PN	Type	Inductance	Current	Termination	RF Connector
DB4311S-50-15-BP-B	Single	50uH	15A	Binding Post	BNC
DB4311S-50-15-BP-N	Single	50uH	15A	Binding Post	N
DB4311S-50-15-SC-B	Single	50uH	15A	Supercon	BNC
DB4311S-50-15-SC-N	Single	50uH	15A	Supercon	N
DB4311S-50-25-BP-B	Single	50uH	25A	Binding Post	BNC
DB4311S-50-25-BP-N	Single	50uH	25A	Binding Post	N
DB4311S-50-25-SC-B	Single	50uH	25A	Supercon	BNC
DB4311S-50-25-SC-N	Single	50uH	25A	Supercon	N
DB4311S-50-50-SC-N	Single	50uH	50A	Supercon	N
DB4311S-50-100-SC-N	Single	50uH	100A	Supercon	N
DB4311D-50-15-BP-B	Dual	50uH	15A	Binding Post	BNC
DB4311D-50-15-BP-N	Dual	50uH	15A	Binding Post	N
DB4311D-50-15-SC-B	Dual	50uH	15A	Supercon	BNC
DB4311D-50-15-SC-N	Dual	50uH	15A	Supercon	N
DB4311D-50-15-RX-B	Dual	50uH	15A	Receptacle*	BNC
DB4311D-50-15-RX-N	Dual	50uH	15A	Receptacle*	N
DB4311D-50-25-BP-B	Dual	50uH	25A	Binding Post	BNC
DB4311D-50-25-BP-N	Dual	50uH	25A	Binding Post	N
DB4311D-50-25-SC-B	Dual	50uH	25A	Supercon	BNC
DB4311D-50-25-SC-N	Dual	50uH	25A	Supercon	N
DB4311D-50-25-RX-B	Dual	50uH	25A	Receptacle*	BNC
DB4311D-50-25-RX-N	Dual	50uH	25A	Receptacle*	N
DB4311D-50-50-SC-N	Dual	50uH	50A	Supercon	N
DB4311D-50-50-RX-N	Dual	50uH	50A	Receptacle*	N
DB4311D-50-100-SC-N	Dual	50uH	100A	Supercon	N
DB4311D-50-100-RX-N	Dual	50uH	100A	Receptacle*	N

PN	Type	Inductance	Current	Termination	RF Connector
DB4311S-50250-15-BP-B	Single	50/250uH	15A	Binding Post	BNC
DB4311S-50250-15-BP-N	Single	50/250uH	15A	Binding Post	N
DB4311S-50250-15-SC-B	Single	50/250uH	15A	Supercon	BNC
DB4311S-50250-15-SC-N	Single	50/250uH	15A	Supercon	N
DB4311S-50250-25-BP-B	Single	50/250uH	25A	Binding Post	BNC
DB4311S-50250-25-BP-N	Single	50/250uH	25A	Binding Post	N
DB4311S-50250-25-SC-B	Single	50/250uH	25A	Supercon	BNC
DB4311S-50250-25-SC-N	Single	50/250uH	25A	Supercon	N
DB4311S-50250-50-SC-N	Single	50/250uH	50A	Supercon	N
DB4311S-50250-100-SC-N	Single	50/250uH	100A	Supercon	N
DB4311D-50250-15-BP-B	Dual	50/250uH	15A	Binding Post	BNC
DB4311D-50250-15-BP-N	Dual	50/250uH	15A	Binding Post	N
DB4311D-50250-15-SC-B	Dual	50/250uH	15A	Supercon	BNC
DB4311D-50250-15-SC-N	Dual	50/250uH	15A	Supercon	N
DB4311D-50250-15-RX-B	Dual	50/250uH	15A	Receptacle*	BNC
DB4311D-50250-15-RX-N	Dual	50/250uH	15A	Receptacle*	N
DB4311D-50250-25-BP-B	Dual	50/250uH	25A	Binding Post	BNC
DB4311D-50250-25-BP-N	Dual	50/250uH	25A	Binding Post	N
DB4311D-50250-25-SC-B	Dual	50/250uH	25A	Supercon	BNC
DB4311D-50250-25-SC-N	Dual	50/250uH	25A	Supercon	N
DB4311D-50250-25-RX-B	Dual	50/250uH	25A	Receptacle*	BNC
DB4311D-50250-25-RX-N	Dual	50/250uH	25A	Receptacle*	N
DB4311D-50250-50-SC-N	Dual	50/250uH	50A	Supercon	N
DB4311D-50250-50-RX-N	Dual	50/250uH	50A	Receptacle*	N
DB4311D-50250-100-SC-N	Dual	50/250uH	100A	Supercon	N
DB4311D-50250-100-RX-N	Dual	50/250uH	100A	Receptacle*	N