



## Mil-Std-461G Line Impedance Stabilization Network

OPHIR<sub>EMC</sub> manufactures a wide selection of Line Impedance Stabilization Networks (LISN's) for pre-compliance and compliance conducted emissions testing in accordance with various EMC standards. The 2014M series of LISN's meet the requirements of Mil-Std-461F and 461G as well as earlier versions of the specification. The 2114D series meet the requirement for a 5μH LISN as specified in Appendix A of Mil-Std-461G. Additionally, the 2114D series of LISN are compliant with RTCA DO-160G when used with an external 10μF capacitor. LISN's are available in three and four circuit configurations. Additional current and voltage ratings are available.

P/N	Current	Ind	Voltage				Circuit	Frequency Range	Opt						
			60 Hz	400 Hz	800 Hz	DC				R1	R2	R3	R4	R5	R6
2014M-50-1-P1-15-B	15	50μH	270	130	n/a	400	single	10kHz-50MHz	P2						
2014M-50-1-P1-25-B	25	50μH	270	130	n/a	400	single	10kHz-50MHz	P2						
2014M-50-1-P-50-N	50	50μH	270	130	n/a	400	single	10kHz-50MHz							
2014M-50-1-P-100-N	100	50μH	270	130	n/a	400	single	10kHz-50MHz							
2114D-5-1-P1-15-B	15	5μH	480	240	130	800	single	150kHz-400 MHz	P2						
2114D-5-1-P1-25-B	25	5μH	480	240	130	800	single	150kHz-400 MHz	P2						
2114D-5-1-P-50-N	50	5μH	480	240	130	800	single	150kHz-400 MHz							
2114D-5-1-P-100-N	100	5μH	480	240	130	800	single	150kHz-400 MHz							
2014M-50-2-P1-15-B	15	50μH	270	130	n/a	400	dual	10kHz-50MHz	P2						
2014M-50-2-P1-25-B	25	50μH	270	130	n/a	400	dual	10kHz-50MHz	P2						
2014M-50-2-P-50-N	50	50μH	270	130	n/a	400	dual	10kHz-50MHz							
2014M-50-2-P-100-N	100	50μH	270	130	n/a	400	dual	10kHz-50MHz							
2114D-5-2-P1-15-B	15	5μH	480	240	130	800	dual	150kHz-400 MHz	P2						
2114D-5-2-P1-25-B	25	5μH	480	240	130	800	dual	150kHz-400 MHz	P2						
2114D-5-2-P-50-N	50	5μH	480	240	130	800	dual	150kHz-400 MHz							
2114D-5-2-P-100-N	100	5μH	480	240	130	800	dual	150kHz-400 MHz							
2014M-50-2-R0-15-B	15	50μH	270	130	n/a	400	dual	10kHz-50MHz	R1	R2	R3	R4	R5	R6	
2014M-50-2-R7-25-B	25	50μH	270	130	n/a	400	dual	10kHz-50MHz	R8						
2014M-50-2-R9-50-N	50	50μH	270	130	n/a	400	dual	10kHz-50MHz							
2014M-50-2-R10-100-N	100	50μH	270	130	n/a	400	dual	10kHz-50MHz							
2114D-5-2-R0-15-B	15	5μH	480	240	130	800	dual	150kHz-400 MHz	R1	R2	R3	R4	R5	R6	
2114D-5-2-R7-25-B	25	5μH	480	240	130	800	dual	150kHz-400 MHz	R8						
2114D-5-2-R9-50-N	50	5μH	480	240	130	800	dual	150kHz-400 MHz							
2114D-5-2-R10-100-N	100	5μH	489	240	130	800	dual	150kHz-400 MHz							

Revised 8/25/2015



**Legend:**

Termination	Ckts	RF Conn		R Style	
P Insulated Plug	1	B-Type BNC		Current Rating	Load
R-AC Receptacle	2	N-Type N	R0	15	NEMA 5 -15
T-Threaded Stud	3		R1	15	Schuko CEE7
	4		R2	15	French/Belgian
			R3	15	Australian
			R4	15	UK
			R5	15	India/South Africa
			R6	15	Denmark
			R7	25	NEMA L6-30
			R8	25	IEC-60309 30 amp
			R9	50	IEC-60309 60 amp
			R10	100	IEC-60309 100 amp

	P Styles	Current Rating	
	Load		Line
	BP30R10R	10	BP30R10R
P1	BP30R10R	15	BP30R10R
P2	RP25GR	25	RS25GR
	RP50GR	50	RS50GR
	RP100GR	100	RS100GR