



RTCA-DO-160G Line Impedance Stabilization Networks

OPHIR_{EMC} 2114D series and 2514D series of Line Impedance Stabilization Networks (LISN's) are designed to meet the requirements of commercial aviation specification RTCA-DO-160G. The 2114D series require the use of an external 10 μ F capacitor for DO-160 applications. The 2514D series LISN include the 10 μ F capacitor internally and additionally meets the requirements of Def-Std 59-411 and Euro Fighter specifications. 2114D series of LISN's is complaint with the requirements for optional 5 μ H LISN as specified in Mil-Std-461F Appendix A. LISN's are available in three and four circuit configurations. Additional current and voltage ratings are available.

P/N	Current	Ind	60 Hz	Voltage			Circuit	Frequency Range	Opt								
				400 Hz	800 Hz	DC				R01	R02	R1	R2	R3	R4	R5	R6
2114D-5-1-P1-15-B	15	5 μ H	480	240	130	800	single	150kHz-400 MHz	P2								
2114D-5-1-P1-25-B	25	5 μ H	480	240	130	800	single	150kHz-400 MHz	P2								
2114D-5-1-P-50-N	50	5 μ H	480	240	130	800	single	150kHz-400 MHz									
2114D-5-1-P-100-N	100	5 μ H	480	240	130	800	single	150kHz-400 MHz									
2514D-5-1-P1-15-B	15	5 μ H	480	240	130	800	single	9kHz-400MHz*	P2								
2514D-5-1-P1-25-B	25	5 μ H	480	240	130	800	single	9kHz-400MHz*	P2								
2514D-5-1-P-50-N	50	5 μ H	480	240	130	800	single	9kHz-400MHz*									
2514D-5-1-P-100-N	100	5 μ H	480	240	130	800	single	9kHz-400MHz*									
2114D-5-2-P1-15-B	15	5 μ H	480	240	130	800	dual	150kHz-400 MHz	P2								
2114D-5-2-P1-25-B	25	5 μ H	480	240	130	800	dual	150kHz-400 MHz	P2								
2114D-5-2-P-50-N	50	5 μ H	480	240	130	800	dual	150kHz-400 MHz									
2114D-5-2-P-100-N	100	5 μ H	480	240	130	800	dual	150kHz-400 MHz									
2514D-5-2-P1-15-B	15	5 μ H	480	240	130	800	dual	9kHz-400 MHz*	P2								
2514D-5-2-P1-25-B	25	5 μ H	480	240	130	800	dual	9kHz-400 MHz*	P2								
2514D-5-2-P-50-N	50	5 μ H	480	240	130	800	dual	9kHz-400 MHz*									
2514D-5-2-P-100-N	100	5 μ H	480	240	130	800	dual	9kHz-400 MHz*									
2114D-5-2-R0-15-B	15	5 μ H	480	240	130	800	dual	150kHz-400 MHz	R01	R02	R1	R2	R3	R4	R5	R6	
2114D-5-2-R7-25-B	25	5 μ H	480	240	130	800	dual	150kHz-400 MHz	R8								
2114D-5-2-R9-50-N	50	5 μ H	480	240	130	800	dual	150kHz-400 MHz									
2114D-5-2-R10-100-N	100	5 μ H	480	240	130	800	dual	150kHz-400 MHz									
2514D-5-2-R0-15-B	15	5 μ H	480	240	130	800	dual	9kHz-400 MHz*	R01	R02	R1	R2	R3	R4	R5	R6	
2514D-5-2-R7-25-B	25	5 μ H	480	240	130	800	dual	9kHz-400 MHz*	R8								
2514D-5-2-R9-50-N	50	5 μ H	480	240	130	800	dual	9kHz-400 MHz*									
2514D-5-2-R10-100-N	100	5 μ H	480	240	130	800	dual	9kHz-400 MHz*									

*internal 10 μ F capacitor

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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		R01	15	NEMA 5-15 Round
	4		R02	15	NEMA 5-15 covered
			R1	15	Schuko CEE7
			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

