



NEMA HP 5 TYPE "L" EXTRAD 600 Volt

(Replaces MIL-DTL 16878/14 <> Inactive)

NEMA HP 5 Type "L" EXTRAD is designed primarily for New Military Equipment and Applications. NEMA HP 5 Type "L" EXTRAD replaces and improves the design of MIL-DTL 16878/14 requirements (specification rendered inactive). It is a high performance wire built to handle increasingly harsh, adverse environments. It is an irradiation cross-linked polyolefin with impressive properties. It significantly reduces wire and harness routing headaches because it is more heat resistant, installation & application tough with more fluid resistant than previous designs.

NEMA HP 5 Type "L" EXTRAD is rated at 150°C, but it survives temperatures to 240°C and higher. It is safer in overload conditions as it will not melt or prematurely soften.

NEMA HP 5 Type "L" EXTRAD creates opportunities to eliminate unnecessary and expensive convoluted tubing, tapes and heat shields that protect inferior wire systems.

NEMA HP 5 Type "L" EXTRAD processes very well on automated high speed cut and strip equipment. This advantageous processing feature will provide ideally suited product for equipment and applications where heat protection, long life and less expensive wiring harnesses are required.

CCC Part Number	Standard Conductors [Tinned Copper]	Nom. Diameter of Conductor		Nom. Insulation Thickness (inches)	Nom. OD (inches)	Finished Weight (lbs./mft)	Ampacity*
		Min.	Max.				
HP5-L14BDB	26 (7/34)	.018	.020	.010	.038	1.36	4
HP5-L14BEB	24 (7/32)	.023	.025	.010	.044	1.98	7
HP5-L14BFB	22 (7/30)	.028	.031	.010	.049	2.89	11
HP5-L14BGB	20 (7/28)	.036	.039	.010	.057	4.33	15
HP5-L14BHE	18 (19/30)	.046	.052	.010	.068	6.22	21
HP5-L14BJE	16 (19/29)	.052	.059	.011	.078	8.80	28
HP5-L14BKE	14 (19/27)	.065	.073	.011	.090	14.93	46

