

WATER-COOLED FLEX LEADS

ADDITIONAL EQUIPMENT



Water cooling is one of the most important factors in the life of your induction melting equipment. To ensure efficient cooling process there needs to be a proper water flow to and from the induction coil. We manufacture water cooling cables using all top quality materials with a fast turn around time. In addition, we also offer an optional fire retardant sleeve that protects your cables against damage from heated material. Water cooling cables are recommended for air or vacuum applications.

SPECIFICATIONS

Water-Cooled Flex Leads												
	Hose Diameter		Terminal Nut Length 'X'	Minimum Bend Radius	Nut Wrench Size	Minimum Ctr. Line Spacing For Proper End Nut Clearance	Flared fitting Std. Pipe Thread Size	Conductor Area Cross Section	Number Of Cables	DC Resistance	Nominal	
	I.D.	O.D.										Volts
12	3/4"		15/8"	6"	11/4"	2"	1/2"NPT	133,100 cm	1	78 μ ohms/ft	1000	1500 to 3000
16	1"		17/8"	8"	11/2"	2 1/2"	3/4"NPT	266,200 cm	2	39 μ ohms/ft	2000	
20		1 3/4"	2"	10"	2"	3"	1 1/4"NPT	399,300 cm 532,400 cm	3-4	26 μ ohms/ft 20 μ ohms/ft	3K-4K	
24		2"	25/16"	12"	2 1/4"	3 1/2"	1 1/2"NPT	665,500 cm 798,600 cm	5-6	16 μ ohms/ft 14 μ ohms/ft	5K-6K	
32	2"	2 1/2"	16"	16"	27/8"	4 1/2"	2"NPT	931,700 cm	7-8	11 μ ohms/ft 10 μ ohms/ft	7K-8K	

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