



& ASSOCIATES, INC.

MI **MINERAL INSULATED HEATER CABLE**



1. End Termination
2. Alloy 825 Stainless Steel
3. Hot/Cold Joint
4. Compression Fitting

Description

MI heater cables are seamless die drawn cables that are made to specified lengths to deliver high power output along the entire length of the cable. It's nichrome heating conductors are embedded in highly compressed magnesium oxide dielectric and covered with a stainless Alloy 825 sheath. The sheath is fully annealed and is easily hand formable

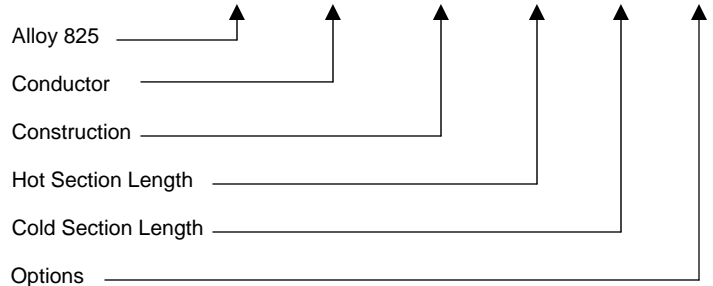
MI heater cables are factory assembled and cannot be cut to length in the field. Both hot and cold sections are made to customer's specifications. MI heater cables are completely submersible and resist the most aggressively corrosive environments. Alloy 825 cables are capable of withstanding temperatures up to 1,000°F.

Applications

MI heater cables are suitable for use in pipe tracing applications where high temperatures are required, pad heating/snow melting where removal of snow and ice are needed for safety. MI heater cables are also useful in large vessel and hopper heating applications. In tank and hopper heating applications MI is attached to sheets of wire mesh to help diffuse the heat into the tank walls. Because MI cables are silver soldered and waterproof they are a great choice in "gut" tracing applications.

Ordering Information

MISS - K732 - AN - 100 - 07 - Q



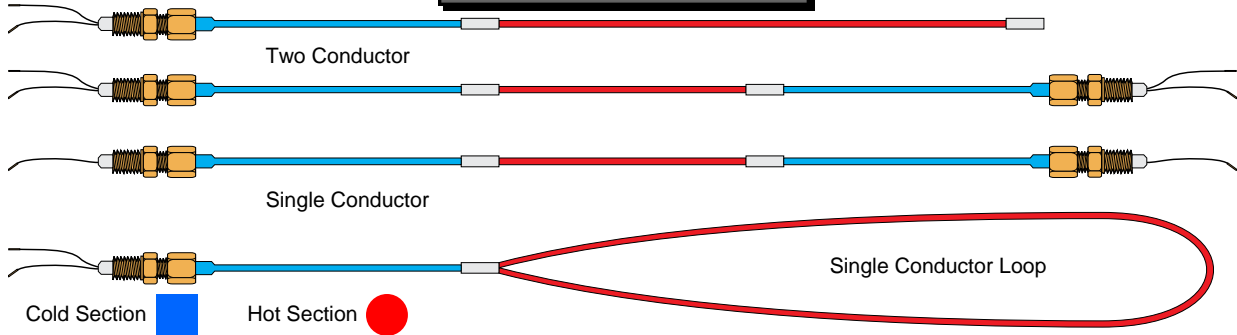
Note: For heater cable applications refer to National Electric Code Article 427 Fixed electric heating for pipelines and vessels.

Note: See backside for more information.

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Construction



300 Volt, 2 Conductor 3/16" OD .07 Lbs/Ft.			600 Volt, 2 Conductor 5/16" OD .22 Lbs/Ft.			600 Volt, 1 Conductor 3/16" OD .07 Lbs/Ft.		
Size	Ohms/Ft.	Max Exp Temp°F	Size	Ohms/Ft.	Max Exp Temp°F	Size	Ohms/Ft.	Max Exp Temp°F
K556	.043*	600	B588	.0071*	600	K145	.0046*	600
K658	.058*		B614	.0149*		K189	.0090*	
K674	.074*		B627	.027*		K216	.0165*	
K693	.093*		B640	.040*		K239	.039	1,000
K712	.117*		B670	.065		K250	.050	
K715	.147*		B710	.104		K279	.079	
K721	.213*		B715	.162		K310	.095	
K732	.319		B720	.205		K316	.157	
K742	.416		B732	.325		K326	.260	
K752	.520		B750	.500		K333	.330	
K766	.660	B774	.735	K346	.457			
K774	.740	B810	1.162	K372	.730			
K810	1.00	B819	1.87	K412	1.17			
K813	1.30	B830	2.97	K415	1.48			
K818	1.80	B840	4.30	K423	2.36			
K824	2.34	B859	5.98	K430	2.80			
K830	2.96			K447	4.50			
K838	3.70							
K846	4.72							
K860	5.60							
K866	6.60							
K894	9.00							
K919	18.00							

Note: All values @ 68°F
 *Resistance curves apply, consult TAD for design