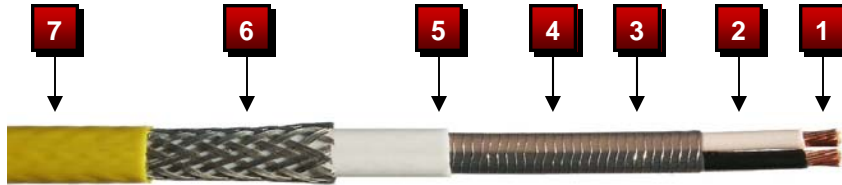




& ASSOCIATES, INC.

## FEP F-LT CONSTANT WATTAGE HEATER CABLE



1. 14 AWG Buss Wires
2. 10 mils Insulation
3. 10 mils Insulation
4. Resistance Wire
5. 22 mils Insulation
6. Ground Braid
7. Optional 15 mil Overjacket



### Description

**FEP F-LT** constant wattage heater cables are parallel-resistance electric heaters that provide constant power output along the entire length of cable. **FEP F-LT** heater cable is constructed of 14 AWG bright copper buss wires which allow for long circuit lengths and Teflon® fluorocarbon resin providing maintenance temperatures up to 100°F and exposure temperatures up to 400°F de-energized. **FEP F-LT** heater cables offer excellent resistance to many industrial chemicals, water and ultraviolet rays in addition to superior protection from impact and abrasion. The cables can be cut to length in the field using standard electrical tools. The metallic braid provides grounding protection in hazardous areas. An optional fluoropolymer overjacket protects the metallic braid in corrosive environments while resisting organic and inorganic compounds.

### Applications

**FEP F-LT** constant wattage heater cables are excellent for all types of low-process temperatures and freeze protection applications. **FEP F-LT** heater cables can be used in a wide variety of applications including, freezer floor and door protection, roof and gutter deicing, snow-melting and radiant heating of floors. **FEP F-LT** heater cables provide outstanding mechanical properties, ease of in-field fabrication and complete freeze protection at an affordable price.

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

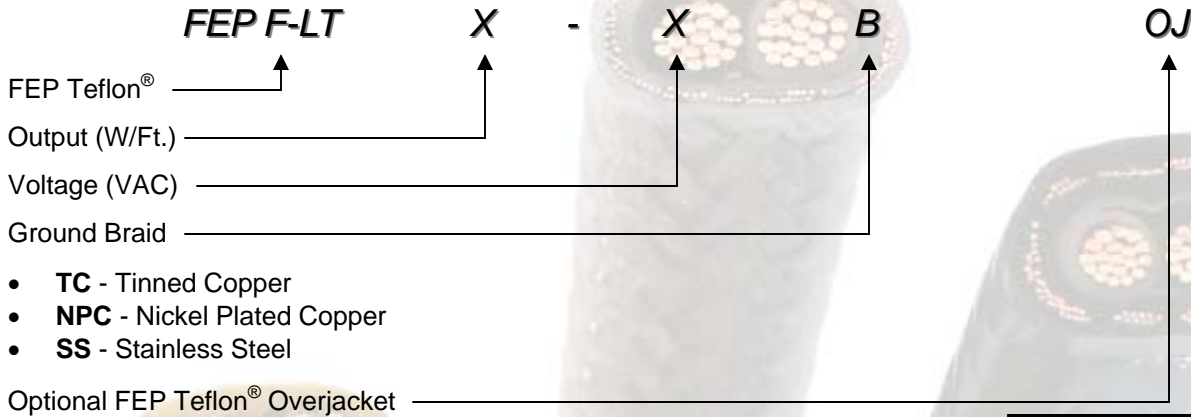
**TAD & Associates, Inc.**  
P.O. Box 2170  
Canyon Lake, Texas 78133

Phone: 830.964.4435  
Fax: 830.964.4493  
<http://www.tad-associates.com>



**TAD & ASSOCIATES, INC.**

**Ordering Information**



**Accessories**

<b>PL-1</b>	Power Connection Kit
<b>EC-1CW</b>	End Termination Kit
<b>ESK-14</b>	Inline Splice Kit
<b>TSK-14</b>	Tee Splice Kit
<b>AL-1</b>	Aluminum Tape
<b>FG-1</b>	Fiberglass Tape
<b>TAD-1</b>	Snap Action Thermostat
<b>TF115</b>	Ambient Sensing Thermostat
<b>TRF115</b>	Line Sensing Thermostat

**Watt Output at Alternate Voltages**

Typical Heaters	110 VAC	120 VAC	208 VAC	240 VAC	277 VAC
<b>FEP F-LT 4-1</b>	3.3	4.0	—	—	—
<b>FEP F-LT 6-1</b>	5.0	6.0	—	—	—
<b>FEP F-LT 7-1</b>	5.8	7.0	—	—	—
<b>FEP F-LT 4-2</b>	—	—	3.0	4.0	5.3
<b>FEP F-LT 6-2</b>	—	—	4.5	6.0	8.0
<b>FEP F-LT 7-2</b>	—	—	5.2	7.0	9.3

**Maximum Circuit Length**

Note: Not all accessories are listed. See catalog for additional listings.

Sample Heaters	0 Ft.	50 Ft.	100 Ft.	150 Ft.	200 Ft.	250 Ft.	300 Ft.	400 Ft.	500 Ft.
<b>FEP F-LT 4-1</b>	4.0	3.98	3.93	3.86	3.75	3.62	3.47	3.13	—
<b>FEP F-LT 6-1</b>	6.0	5.96	5.85	5.68	5.45	5.17	4.87	—	—
<b>FEP F-LT 8-1</b>	8.0	7.93	7.74	7.44	7.04	—	—	—	—
<b>FEP F-LT 3-2</b>	3.0	3.00	2.99	2.98	2.96	2.94	2.92	2.86	2.78
<b>FEP F-LT 6-2</b>	6.0	5.99	5.96	5.92	5.78	5.68	5.58	5.45	5.18
<b>FEP F-LT 4-277</b>	4.0	3.99	3.98	3.97	3.95	3.92	3.89	3.81	3.71
<b>FEP F-LT 8-277</b>	8.0	7.98	7.94	7.88	7.80	7.69	7.57	7.26	6.90

**TAD & Associates, Inc. P.O. Box 2170 Canyon Lake, TX 78133 800-755-7602**