



SECTION 15

WIRE

Pump cable and wire available in a range of conductors



THIS SECTION IS CANADA ONLY

INDEX

Product Line	Page
Bare Ground Wire	1
Flat Jacketed Pump Cable	1
Irrigation Cable	1
Low Voltage Thremostat Wire	1
Non-Metallic Sheathed Cables	2
TWU Pump Cable	2
TWU Tracer Wire	3

BARE GROUND WIRE

Boshart's bare ground wire is to ground an electrical system or equipment.



Part No.	Number of Conductors	Conductors AWG	Strands Per Conductor
15-6-300	1	#6	(7) Stranded

FLAT JACKETED PUMP CABLE

Boshart's flat jacketed pump cable is for use with submersible water pumps installed in wells, lakes, rivers, and streams. Copper conductors are wrapped in color coded PVC, then wrapped in black PVC side by side.
Temperature Range: -40°F to 140°F (-40°C to 60°C), 600 V



Part No.	Number of Conductors	Conductors AWG	Ground AWG	Strands Per Conductor
Wire Colors: Black, Red & Green				
TWUFJ12-3	3	#12	#12	(7) Stranded
Wire Colors: Black, Red, Yellow & Green				
TWUFJ10-4	4	#10	#10	(7) Stranded
TWUFJ12-4	4	#12	#12	(7) Stranded
TWUFJ14-4	4	#14	#14	(7) Stranded

IRRIGATION CABLE

Boshart's irrigation cable is used for electrical interconnection of outdoor sprinkler systems, for connection of solenoid valves with controllers on residential, electrically controlled irrigation systems. Constructed using a solid bare copper conductor with PVC insulation.
Temperature Range: Up to 140°F (60°C), 30 V



Part No.	Number of Conductors	Conductors AWG	Strands Per Conductor
TW18S-2	2	#18	(1) Solid
TW18S-3	3	#18	(1) Solid
TW18S-4	4	#18	(1) Solid
TW18S-5	5	#18	(1) Solid
TW18S-6	6	#18	(1) Solid
TW18S-7	7	#18	(1) Solid
TW18S-8	8	#18	(1) Solid
TW18S-10	10	#18	(1) Solid

LOW VOLTAGE THERMOSTAT WIRE

Boshart's low voltage thermostat wire is for use in interconnection of low voltage heating & air conditioning thermostat controls, bell and annunciator systems. For use in damp or dry locations. It is constructed from solid or stranded copper wrapped in PVC insulation.
Temperature Range: Up to 140°F (60°C), 30 V



Part No.	Number of Conductors	Conductors AWG	Strands Per Conductor
LVT18S-2	2	#18	(1) Solid
LVT18S-3	3	#18	(1) Solid
LVT18S-4	4	#18	(1) Solid
LVT18S-5	5	#18	(1) Solid
LVT18S-6	6	#18	(1) Solid
LVT18S-8	8	#18	(1) Solid

NON-METALLIC SHEATHED CABLES

Boshart's non-metallic sheathed cables can be used in wet locations, and in barns & other animal enclosures where not exposed to mechanical injury. This wire can be used where exposed to weather or direct earth burial (with protection as required by the inspection authority). It is a very good cable to use for supplying a garage, garden shed or lawn lights. Use for Category 1 and 2 locations (Ref. CE Code Part 1 Section 22) including barns, stables, etc. Consult the Canadian Electrical Code 1 for further information related to applications. Caution: Although NMWU is similar in appearance to NMD, it is in fact quite different.

300 V



Part No.	Number of Conductors	Conductors AWG	Ground AWG	Strands Per Conductor
NMWU6-2	2	#10	#6	(1) Solid
NMWU8-2	2	#10	#8	(1) Solid
NMWU10-2	2	#12	#10	(1) Solid
NMWU12-2	2	#14	#12	(1) Solid
NMWU14-2	2	#14	#14	(1) Solid
NMWU6-3	3	#10	#6	(1) Solid
NMWU8-3	3	#10	#8	(1) Solid
NMWU10-3	3	#12	#10	(1) Solid
NMWU12-3	3	#14	#12	(1) Solid
NMWU14-3	3	#14	#14	(1) Solid

TWU PUMP CABLE

Boshart's TWU pump cable is for use with submersible pumps and irrigation equipment. For wiring only between equipment located at water wellheads and motors of submersible pumps installed in deep wells. Cables are solid or stranded copper wrapped in PVC then twisted together.

Temperature Range: -40°F to 140°F (-40°C to 60°C), 600 V



Part No.	Number of Conductors	Conductors AWG	Ground AWG	Strands Per Conductor
Wire Colors: Black, Red & Green				
TWU12-3GS	3	#12	#12	(1) Solid
TWU14-3GS	3	#14	#14	(1) Solid
Wire Colors: Black, Red & Green				
TWU10-3G	3	#10	#10	(7) Stranded
TWU12-3G	3	#12	#12	(7) Stranded
TWU14-3G	3	#14	#14	(7) Stranded
Wire Colors: Black, Red, Yellow & Green				
TWU12-4S	4	#12	#12	(1) Solid
TWU14-4S	4	#14	#14	(1) Solid
Wire Colors: Black, Red, Yellow & Green				
TWU4-4	4	#4	#8	(7) Stranded
TWU6-4	4	#6	#8	(7) Stranded
TWU8-4	4	#8	#10	(7) Stranded
TWU10-4	4	#10	#10	(7) Stranded
TWU12-4	4	#12	#12	(7) Stranded
TWU14-4	4	#14	#14	(7) Stranded



TWU TRACER WIRE

Boshart's TWU tracer wire is used for running beside gas lines to enable detection of the lines prior to digging. It is made up of a single stranded or solid bare copper conductor with PVC insulation.
Temperature Range: -40°F to 140°F (-40°C to 60°C), 600 V



Part No.	Number of Conductors	Conductors AWG	Strands Per Conductor
Wire Colors: White			
TWU10S-WHI	1	#10	(1) Solid
TWU12S-WHI	1	#12	(1) Solid
TWU14S-WHI	1	#14	(1) Solid
Wire Colors: White			
TWU10-WHI	1	#10	(7) Stranded
TWU12-WHI	1	#12	(7) Stranded
TWU14-WHI	1	#14	(7) Stranded

