HELUKABEL[®] Traycontrol[®] 600



Helukabel Traycontrol® 600V from AutomationDirect is available in sizes from 20AWG to 4AWG with 2 to 41 unshielded conductors. Individual conductors are bare copper and stranded for flexibility, with black PVC/Nylon insulation and marked with numbers for easy identification. A convenient insulated ground conductor, green with a yellow stripe, is included in the conductor count of each cable with conductor counts higher than two.

Helukabel Traycontrol 600V PVC is offered with a specially formulated PVC jacket. The PVC outer jacket has been designed to resist oil (Oil Res I/II), chemicals, and cleaning and disinfecting agents (based on ECOLAB tests) making this cable suitable installation in dry, humid, and damp environments, outdoors, and pipes. Additionally, they can be installed in the ground (direct burial rated) and for open, unprotected installation from the cable tray (TC-ER) to machines throughout industrial plants.

With multiple ratings and approvals, Helukabel Traycontrol 600V multiconductor control cable has the versatility to meet a wide range of industrial control, power and instrumentation applications. These flexible multiconductor cables provide an economical way to organize and simplify control wiring in machines and facilities. With UL 1277 or UL 2277 approvals and TC-ER, PLTC-ER and/or ITC-ER these cable can to be installed up to 6 feet outside of the tray or conduit makes using these a economical solution for any industrial automation project.

Application

- NFPA 79 conformant flexible control and power cable up to 600 V (WTTC 1000 V), for all machinery in new plant construction.
- Torsion resistant, exceptional flexibility and abrasion resistance. Suitable for installation in dry, humid and damp environments, outdoors and pipes.
- For underground installation and for open, unprotected installation from the cable tray to machines in industrial plants.

Features

- Finely stranded (Class K), bare copper according to AWG standards
- Special PVC conductor insulation with transparent nylon coating, 3 conductors and above include a green/yellow ground
- Conductor identification to DIN VDE 0293 black
 conductors with continuous white numbering
- · Conductors stranded in layers with optimal lay length
- Special PVC outer jacket Self-extinguishing and flame retardant according to CSA FT4
- UV-resistant
- Direct burial rating available
- Resistant to cleaning and disinfecting agents according to Ecolab
- TC-ER, PLTC-ER, and/or ITC-ER Tray Cable Exposed Run
- Outstanding flexibility
- Torsion resistant for wind power application
- UL 1277 and/or UL2277 approvals





0.5 mm² (20AWG) Unshielded Flexible Control Cable

0.5 m	nm² (20AWG) Flexible Cont	rol Cable Specifi	cations (Unshielded)		
Conductors Gauge & Stranding	0.5 mm² (20AWG) 10/30 bare copper	Outer Jacket	Black PVC		
Voltago Dotingo	600V (Types ITC-ER, PLTC-ER, MTW)	UV Resistance	Yes		
Voltage Ratings	Tested to 3000V	Oil Resistance	Yes		
Minimum Bend Radius	Moving, 5.0 x diameter	Flame Retardant	Yes, per CSA FT4		
inininum benu rauns	moving, 5.0 x diameter	Silicone-free	Yes		
	UL/CSA TC, -40°C to +90°C		UL ITC-ER & PLTC-ER, MTW 600V		
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA 22.2 No. 210 - AWM I/II A/B		
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.		
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground		HELUKABEL® TRAYCONTROL 600 P/N XXXXX 20 AWG (0.50mm2)/XC (UL) MTW 600V "FLEXING" E330431 OR ITC-ER		
Conductor Markings	Black with white numbers	Sample Print Legend	OR PLTC-ER 605853 CSA AWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING		
* Note -ER not available for 2 conductor cab	les				

Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot
<u>H62020-1</u>	2	20	10	0.264	20	0.04	\$0.51
							1692 - Ver
<u>H62021-1</u>	3	20	10	0.276	20	0.04	\$0.63
							Thos 3 1992 -
<u>H62022-1</u>	4	20	10	0.295	20	0.05	\$0.73
							1700 002
<u>H62023-1</u>	5	20	10	0.319	20	0.06	\$0.85
			1				201 - 201 201 - 202 76-1 - 202
<u>H62024-1</u>	7	20	10	0.343	20	0.07	\$1.31
* See web store for max	imum cut lengths	A stipping	-ordersover \$49	CUT TO LENGTH	market savings p	Please Note: lexing Control Cable price for copper. Thi ossible if conditions eans that our prices condition:	are closely tied to s allows us to offe are favorable; hov may increase if ma

HELUKABEL[®] U.

0.5 mm² (20AWG) Unshielded Flexible Control Cable

	0.5 mm² (20	AWG) F	lexible C	ontrol Cable	(Unshield	ed)	
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (lb/ft)	Price per foo
							Date 17
<u> 462026-1</u>	12	20	10	0.437	20	0.11	\$1.83
				1			Rater 13 Paradan 3
							The at a second
162027-1	18	20	10	0.508	20	0.16	\$2.53
							Thee 3 Four 4
<u>162028-1</u>	25	20	10	0.618	20	0.23	\$3.45





1.0 mm² (18AWG) Unshielded **Flexible Control Cable**

1.0 n	nm ² (18AWG) Flexible Control C	able Specificatior	is (Unshielded)	
Conductors Gauge & Stranding	1.0mm2 (18AWG) 19/30 bare copper	Outer Jacket	Black PVC	
Voltage Ratings	600V (Types ITC-ER, PLTC-ER, MTW) 1000V (Type WTTC)	UV Resistance	Yes	
5 5	Tested to 3000V	Oil Resistance	Yes	
Minimum Pond Podiuo	Maying 5.0 y diamator	Flame Retardant	Yes, per CSA FT4	
Minimum Bend Radius	Moving, 5.0 x diameter	Silicone-free	Yes	
emperature Ratings	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, ITC-EF PLTC-ER	
	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B	
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.	
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground		HELUKABEL® TRAYCONTROL 600 P/N XXXXX 18 AWG (1.00mm2)/XC (UL) TC-ER 90C DRY / WET 600V	
Conductor Markings	Black with white numbers	Sample Print Legend	SUN RES DIR BUR OIL RES I/II E330430 OR MTW "FLEXING" OR WTTC 1000V OR DP-1 OR ITC-ER OF PLTC-ER OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING	
* Note -ER not available for 2 conductor cab	les			

Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot
<u> 462902-1</u>	2	18	19	0.287	20	0.05	\$0.67
							1602
<u>H62903-1</u>	3	18	19	0.299	20	0.06	\$0.80
							Three 3
<u>H62904-1</u>	4	18	19	0.323	20	0.07	\$0.98
					-		Fox 2 Tope 2
<u>H62905-1</u>	5	18	19	0.350	20	0.08	\$1.16
<u>H62906-1</u>	7	18	19	0.378	20	0.10	\$1.77
* See web store for max	kimum cut lengths	Haripping-	ordersover \$4	CUT TO LENGTH	market price savings poss	Please Note: Our p control Cable are of for copper. This allo sible if conditions ar that our prices ma	closely tied to the ows us to offer the k re favorable; howeve

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Wires Cords and Cables

conditions warrant.

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1.0 mm² (18AWG) Unshielded Flexible Control Cable

	1.0 mm ² (1	8AWG) F	lexible C	ontrol Cable (Unshielde	d)	
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (lb/ft)	Price per foo
<u>H62907-1</u>	9	18	19	0.433	20	0.13	\$2.12
							801
<u>H62908-1</u>	10	18	19	0.465	20	0.14	\$2.31
							Care 17 1921
<u>H62909-1</u>	12	18	19	0.480	20	0.15	\$2.65
							Financia Paralest Casting Casting Final
<u>H62912-1</u>	18	18	19	0.594	20	0.24	\$3.82
							Therefy Four 24
<u>H62914-1</u>	25	18	19	0.685	20	0.25	\$5.16
		1		1	1		
H62918-1	41	18	19	0.827	20	0.48	\$7.66





1.5 mm² (16AWG) Unshielded Flexible Control Cable

1.5 m	m ² (16AWG) Flexible Control Ca	ble Specification	s (Unshielded)
Conductors Gauge & Stranding	1.5 mm ² (16AWG) 26/30 bare copper	Outer Jacket	Black PVC
Voltage Ratings	600V (Types ITC-ER, PLTC-ER, TC-ER-JP, MTW) 1000V (Type WTTC)	UV Resistance	Yes
	Tested to 3000V	Oil Resistance	Yes
Minimum Bend Radius	Moving, 5.0 x diameter	Flame Retardant	Yes, per CSA FT4
mininuni denu raulus		Silicone-free	Yes
	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, ITC- ER, PLTC-ER, TC-ER-JP
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.
Conductor Insulation	Special PVC with transparent nylon coating and green/ yellow ground		HELUKABEL® TRAYCONTROL 600 P/N XXXXX 16 AWG (1.50mm2)/XC (UL) TC-ER-JP* 90C DRY /
Conductor Markings	Black with white numbers	Sample Print Legend*	WET 600V SUN RES DIR BUR OIL RES I/II E330430 OR MTW "FLEXING" OR WTTC 1000V OR DP-1 OR ITC-ER OR PLTC-ER OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING
NOTE: -JP in sample print legend only applie	es to 16 AWG, 3 to 5/C constructions, -ER not available for 2 cor	nductor cables	

Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)**	Approximate Weight (Ib/ft)	Price per foot
<u>H62921-1</u>	2	16	26	0.307	20	0.05	\$0.80
						P.Vela	1492
<u>H62922-1</u>	3	16	26	0.323	20	0.07	\$0.99
						Thee 3	
<u>H62923-1</u>	4	16	26	0.346	20	0.08	\$1.21
						tori	=
<u>H62924-1</u>	5	16	26	0.378	20	0.10	\$1.45
			1				5x4 1 (c)ed 3 (x)7
H62926-1	 7	16	26	0.413	20	0.12	\$2.06

** See web store for maximum cut lengths



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.

HELUKABEL[®] 1.5mm² (16AWG) Unshielded **Flexible Control Cable**

	1.5mm ² (16	AWG) Flo	exible Co	ntrol Cable (U	nshielded		
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot
<u>H62928-1</u>	9	16	26	0.472	20	0.16	\$2.70
<u>H62930-1</u>	12	16	26	0.528	20	0.19	\$3.25
							Water 16
							Tran 2
<u>H62934-1</u>	18	16	26	0.646	20	0.30	\$4.69
							werby 10mo 20
						Dec	For 4
<u>H62939-1</u>	30	16	26	0.787	20	0.46	\$7.39

* See web store for maximum cut lengths



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.



2.0mm² (14AWG) Unshielded Flexible Control Cable

m ² (14AWG) Flexible Control	Cable Specificati	ons (Unshielded)	
2.0mm ² (14AWG) 41/30 bare copper	Outer Jacket	Black PVC	
600V (Types ITC-ER, PLTC-ER, TC-ER-JP, MTW) 1000V (Type WTTC)	UV Resistance	Yes	
Tested to 3000V	Oil Resistance	Yes	
Maxing E Overlighter	Flame Retardant	Yes, per CSA FT4	
Noving, 5.0 x diameter	Silicone-free	Yes	
UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, ITC-ER, PLTC-ER, TC-ER-JP	
Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B	
Fixed, -40°C to +105°C	xed, -40°C to +105°C		
Special PVC with transparent nylon coating and green/yellow ground	_	HELUKABEL® TRAYCONTROL 600 P/N XXXXX 14 AWG (2.00mm2)/XC (UL) TC-ER-JP* 90C DRY / WET 600V SUN RES DIR BUR OIL RES I/II E330430 OR MTW "FLEXING" OR WTTC 1000V OR DP-1 OR SUBMERSIBLE PUMP CABLE OR ITC-ER OR PLTC-ER OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING	
Black with white numbers	Sample Print Legend *		
	2.0mm² (14AWG) 41/30 bare copper 600V (Types ITC-ER, PLTC-ER, TC-ER-JP, MTW) 1000V (Type WTTC) Tested to 3000V Moving, 5.0 x diameter UL/CSA TC, -40°C to +90°C Moving, +5°C to +50°C Fixed, -40°C to +105°C Special PVC with transparent nylon coating and green/yellow ground	600V (Types ITC-ER, PLTC-ER, TC-ER-JP, MTW) UV Resistance 1000V (Type WTTC) Oil Resistance Tested to 3000V Oil Resistance Moving, 5.0 x diameter Flame Retardant UL/CSA TC, -40°C to +90°C Silicone-free Moving, +5°C to +50°C Approvals* Fixed, -40°C to +105°C Special PVC with transparent nylon coating and green/yellow ground Sample Print Legend *	

	2.0 mm ² (14	AWG) FI	exible Co	ntrol Cable (U	nshielded)	
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)**	Approximate Weight (Ib/ft)	Price per foot
						. Me j	160.1
<u>H62946-1</u>	3	14	41	0.362	20	0.09	\$1.34
						Rep 3	100 £.
<u>H62947-1</u>	4	14	41	0.398	20	0.09	\$1.61
							For (
<u>H62948-1</u>	5	14	41	0.429	20	0.13	\$1.98
							23 24 23
H62950-1	7	14	41	0.472	20	0.17	\$2.87

** See web store for maximum cut lengths



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.

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HELUKABEL[®] 2.0mm² (14AWG) Unshielded **Flexible Control Cable**

	2.0mm ² (14	4AWG) FI	exible Co	ntrol Cable (U	Inshielded)	
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot
						ingl.	
<u>H62951-1</u>	9	14	41	0.579	20	0.24	\$3.83
							Nor T
<u>H62953-1</u>	12	14	41	0.646	20	0.30	\$4.88
						Rate Tana (a)	
<u>H62955-1</u>	18	14	41	0.744	20	0.41	\$6.79





Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.



3.5mm² (12AWG) Unshielded Flexible Control Cable

3.5mm ² (12AWG) Flexible Control Cable Specifications (Unshielded)							
Conductors Gauge & Stranding	3.5mm ² (12AWG) 65/30 bare copper	Outer Jacket	Black PVC				
Voltage Ratings	600V (Types ITC-ER, PLTC-ER, TC-ER-JP, MTW) 1000V (Type WTTC)	UV Resistance	Yes				
5 5	Tested to 3000V	Oil Resistance	Yes				
Minimum Pond Dodiuo	Moving 5.0 x diameter	Flame Retardant	Yes, per CSA FT4				
Minimum Bend Radius	Moving, 5.0 x diameter	Silicone-free	Yes				
	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, ITC-ER, PLTC-ER, TC-ER-JP				
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B				
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.				
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground		HELUKABEL® TRAYCONTROL 600 P/N XXXXX 12 AWG (3.50mm2)/XC (UL) TC-ER-JP* 90C DRY / WET 600V				
Conductor Markings	Black with white numbers	Sample Print Legend*	SUN RES DIR BUR OIL RES I/II E330430 OR MTW "FLEXING OR WTTC 1000V OR DP-1 OR SUBMERSIBLE PUMP CABLE OR ITC-ER OR PLTC-ER OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSAAWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING				

NOTE: -JP in sample print legend only applies to 12 AWG, 3 to 5/C constructions. Submersible Pump Cable to appear in legend for 12 AWG, 3 - 7/C constructions only

3.5	mm² (12AWG)) Continu	ous Flexi	ing Control Ca	ble (Unsh	ielded)	
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)**	Approximate Weight (Ib/ft)	Price per foot
							198.2
<u>H62959-1</u>	3	12	65	0.402	20	0.12	\$1.75
						Three 3	1902
	1	1					
<u>H62960-1</u>	4	12	65	0.441	20	0.15	\$2.26
					-		Fourd up 2
<u>H62961-1</u>	5	12	65	0.480	20	0.18	\$2.85
							Data 1
H62963-1	7	12	65	0.528	20	0.24	\$3.92
<u>1102303-1</u>	1	12	00	0.320	20	0.24	ψ3.32
			_				Data 17 97 / - 29 P 98 1 - 24 7
<u>H62965-1</u>	12	12	65	0.720	20	0.42	\$6.67
** See web store for maximum	cut lengths	Atioping-o	getsover\$49	UT TO LENGTH CABLES	Flexing Cont ket price for copp possible if condit	lease Note: Our pric rol Cable are closel er. This allows us to ions are favorable; l r prices may increas conditions warrai	y tied to the mar- offer the best sav however, it also m se if market



6.0mm² (10AWG) Unshielded Flexible Control Cable

6.0mm ² (10AWG) Flexible Control Cable Specifications (Unshielded)						
Conductors Gauge & Stranding	6.0mm² (10AWG) 105/30 bare copper	Outer Jacket	Black PVC			
Voltage Ratings	600V (Types TC-ER-JP, MTW) 1000V (Type WTTC)	UV Resistance	Yes			
5 5	Tested to 3000V	Oil Resistance	Yes			
Minimum Dand Dadiua	Naving 5.0 v diameter	Flame Retardant	Yes, per CSA FT4			
Minimum Bend Radius	Moving, 5.0 x diameter	Silicone-free	Yes			
	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, TC-ER-JP			
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B			
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.			
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground	_	HELUKABEL® TRAYCONTROL 600 P/N XXXXX 10 AWG (6.00mm2)/XC (UL) TC-ER-JP 90C DRY / WET 600V SUN			
Conductor Markings	Black with white numbers	Sample Print Legend*	RES DIR BUR OIL RES I/II E330430 OR MTW "FLEXING" OR WTTC 1000V OR DP-1 OR SUBMERSIBLE PUMP CABLE OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING			

*NOTE: -JP in sample print legend only applies to 12 AWG, 3 to 5/C constructions. Submersible Pump Cable to appear in legend for 12 AWG, 3 - 7/C constructions only

6.0mm ² (10AWG) Flexible Control Cable (Unshielded)								
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot	
							1602	
<u>H62971-1</u>	3	10	105	0.492	20	0.18	\$2.77	
				1			1602	
						Three 3		
<u>H62972-1</u>	4	10	105	0.567	20	0.24	\$3.78	
							Four &	
						Three 3	-	
<u>H62973-1</u>	5	10	105	0.622	20	0.29	\$4.70	





10mm² (8AWG) Unshielded Flexible Control Cable

10mm ² (8AWG) Flexible Control Cable Specifications (Unshielded)						
Conductors Gauge & Stranding	10mm ² (8AWG) 168/30 bare copper	Outer Jacket	Black PVC			
Voltage Ratings	600V (Types TC-ER-JP, MTW) 1000V (Type WTTC)	UV Resistance	Yes			
gg-	Tested to 3000V	Oil Resistance	Yes			
Minimum Dand Dadius	Marine 5.0 u diamatan	Flame Retardant	Yes, per CSA FT4			
Minimum Bend Radius	Moving, 5.0 x diameter	Silicone-free	Yes			
	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, TC-ER-JP			
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B			
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.			
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground		HELUKABEL® TRAYCONTROL 600 P/N XXXXX 8 AWG (10mm2)/XC (UL) TC-ER-JP 90C DRY / WET 600V SUN			
Conductor Markings	Black with white numbers	Sample Print Legend	RES DIR BUR OIL RES I/II E330430 OR MTW OR WTTC 1000V OR DP-1 OR SUBMERSIBLE PUMP CABLE OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING			

*NOTE: -JP in sample print legend only applies to 12 AWG, 3 to 5/C constructions. Submersible Pump Cable to appear in legend for 12 AWG, 3 - 7/C constructions only

10mm ² (8AWG) Flexible Control Cable (Unshielded)								
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot	
						Three 3 Invo 2		
						and a second		
<u>H62978-1</u>	4	8	168	0.756	20	0.39	\$7.08	



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.



16mm² (6AWG) Unshielded Flexible Control Cable

16mm ² (6AWG) Flexible Control Cable Specifications (Unshielded)						
Conductors Gauge & Stranding	16mm ² (6AWG) 266/30 bare copper	Outer Jacket	Black PVC			
Voltage Ratings	600V (Types TC-ER-JP, MTW) 1000V (Type WTTC)	UV Resistance	Yes			
5 5	Tested to 3000V	Oil Resistance	Yes			
Minimum Dand Dadiua	Maying 5.0 v diameter	Flame Retardant	Yes, per CSA FT4			
Minimum Bend Radius	Moving, 5.0 x diameter	Silicone-free	Yes			
	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, TC-ER-JP			
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B			
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.			
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground	_	HELUKABEL® TRAYCONTROL 600 P/N XXXXX 6 AWG (16mm2)/XC (UL) TC-ER-JP 90C DRY / WET 600V SUN			
Conductor Markings	Black with white numbers	Sample Print Legend*	RES DIR BUR OIL RES I/II E330430 OR MTW OR WTTC 1000V OR DP-1 OR SUBMERSIBLE PUMP CABLE OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/ II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING			

* NOTE: -JP in sample print legend only applies to 12 AWG, 3 to 5/C constructions. Submersible Pump Cable to appear in legend for 12 AWG, 3 - 7/C constructions only

16mm ² (6AWG) Flexible Control Cable (Unshielded)								
Part Number	Number of Conductors (includes ground)	AWG	Strand		Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot	
						Three 3		
<u>H62981-1</u>	4	6	266	0.878	20	0.58	\$9.35	



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.

HELUKABEL[®] 25mm² (4AWG) Unshielded Flexible Control Cable

25mm ² (4AWG) Flexible Control Cable Specifications (Unshielded)						
Conductors Gauge & Stranding	25mm ² (4AWG) 420/30 bare copper	Outer Jacket	Black PVC			
Voltage Ratings	600V (Types TC, TC-ER, MTW), 1000V (Type WTTC)	UV Resistance	Yes			
	Tested to 3000V	Oil Resistance	Yes			
Minimum Dand Dadius	Maxima 5.0 v diamatan	Flame Retardant	Yes, per CSA FT4			
Minimum Bend Radius	Moving, 5.0 x diameter	Silicone-free	Yes			
	UL/CSA TC, -40°C to +90°C		UL - TC-ER (1277), WTTC (2277), MTW, DP-1, TC-ER-JP			
Temperature Ratings	Moving, +5°C to +50°C	Approvals*	CSA - C22.2 No. 230 TC, C22.2 No. 239 CIC, 22.2 No. 210 - AWM I/II A/B			
	Fixed, -40°C to +105°C		CE Low-Voltage Directive 2006/95/EC.			
Conductor Insulation	Special PVC with transparent nylon coating and green/yellow ground		HELUKABEL® TRAYCONTROL 600 P/N XXXXX 4 AWG (25mm2)/XC (UL) TC-ER-JP 90C DRY / WET 600V SUN RES			
Conductor Markings	Black with white numbers	Sample Print Legend*	DIR BUR OIL RES I/II E330430 OR MTW OR WTTC 1000V OR DP-1 OR SUBMERSIBLE PUMP CABLE OR C(UL) CIC-TC 90C DRY 75C WET SR PVC/N FT4 605853 CSA AWM I/ II A/B 105C 1000V FT4 CE BATCH CODE + SEQUENTIAL FOOTAGE MARKING			

*NOTE: -JP in sample print legend only applies to 12 AWG, 3 to 5/C constructions. Submersible Pump Cable to appear in legend for 12 AWG, 3 - 7/C constructions only

25mm ² (4AWG) Flexible Control Cable (Unshielded)								
Part Number	Number of Conductors (includes ground)	AWG	Strand	Maximum O.D. (Inches ±10%)	Minimum Cut Length (ft)*	Approximate Weight (Ib/ft)	Price per foot	
						Tree 3		
							-	
<u>H62984-1</u>	4	4	420	1.059	20	0.85	\$14.46	



Please Note: Our prices on Flexing Control Cable are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.