

ISOTEC INC.



QUALITY WIRE AND CABLE

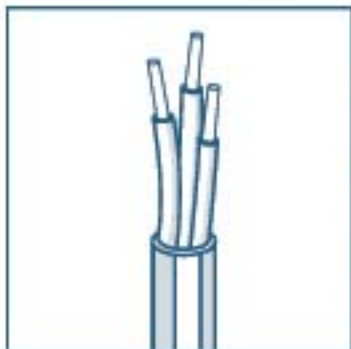
IRRIGATION & UNDERGROUND

WIRE & CABLE PRODUCT GUIDE



UL Multi-Conductor Polyethylene-Insulated SRPVC Jacketed

UNDERGROUND SPRINKLER WIRE



ISOTEC PART NUMBER	NO. OF COND.	NOM. INSUL. THK. INCHES	JKT. THK. INCHES	NOM. OD. INCHES	WEIGHT PER MFT.
182IRRA-00	2	.016	.025	.183	21
183IRRA-00	3	.016	.025	.216	29
184IRRA-00	4	.016	.025	.236	37
185IRRA-00	5	.016	.025	.250	45
186IRRA-00	6	.016	.025	.266	52
187IRRA-00	7	.016	.025	.280	59
188IRRA-00	8	.016	.025	.300	67
1810IRRA-00	10	.016	.025	.327	81
1812IRRA-00	12	.016	.025	.355	96
1813IRRA-00	13	.016	.025	.368	104

Applications

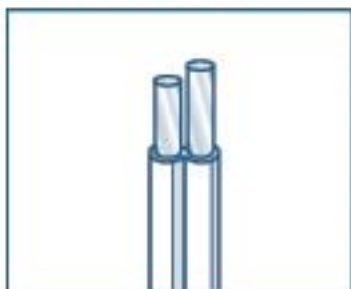
For use in the wiring of irrigation control systems where the cable must be suitable for direct burial.

Standard put-ups:
500', 1000', and bulk

Standard Color Code:
Chart IR1, black jacket

UL Flat Parallel

UNDERGROUND LIGHTING CABLE



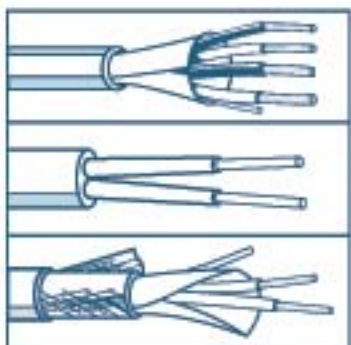
ISOTEC PART NUMBER	AWG/STRANDING	NOM. INSUL. THK. INCHES	NOM. DIM. INCHES	WEIGHT PER MFT.
182ULC-00	18 16/30 B/C	.041	.209 X .145	26
162ULC-00	16 26/30 B/C	.041	.315 X .155	38
142ULC-00	14 41/30 B/C	.041	.350 X .170	46
122ULC-00	12 65/30 B/C	.041	.390 X .195	66
102ULC-00	10 105/30 B/C	.062	.470 X .240	122
802ULC-00	8 133/.0125" B/C	.078	.630 X .316	199

Applications

For use in the wiring of low voltage outdoor lighting circuits where the cable must be suitable for direct burial.

UL Specialized Cable

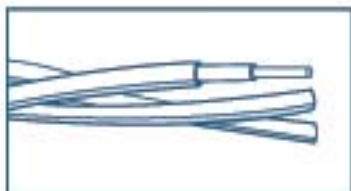
DIRECT BURIAL CONTROL



ISOTEC PART NUMBER/USE	NO. OF COND.	AWG/STRANDING	INSULATION THICKNESS & TYPE	JACKET THICKNESS & TYPE	NOM. OD. WT PER MFT
182PBCC HUNTER CONTROL SYSTEMS	SHLD 2 PR. W/20 AWG STRANDED T.C. DRAIN	18 (16 X 30) TINNED COPPER	.016" POLYETHYLENE	.040" PVC	.300" 58 LBS.
142DBCC MAXI CONTROL SYSTEMS	3 COND. PARALLEL	14 (SOLID) TINNED COPPER	.060" PVC	.045" POLYETHYLENE	.285" x .50" 90 LBS.
162TORD TORD CONTROL SYSTEMS	SHLD 2 COND. W/18 AWG STRANDED T.C DRAIN	16 (19 X 29) BARE COPPER	.016" POLYETHYLENE	.035" PVC	.247" 43 LBS.

UL Submersible PVC 600V

PUMP CABLE



ISOTEC PART NUMBER	NO. OF COND.	NOM. INSUL. THK. INCHES	JKT. THK. INCHES	NOM. OD. INCHES
1485PC1	14 (SOLID)	3	.060	93
1235PC1	12 (SOLID)	3	.060	120
1095PC1	10 (SOLID)	3	.060	162

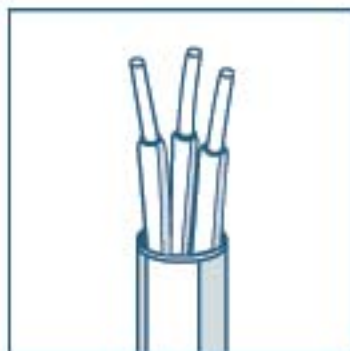
Applications

For use within the well casing supplying power to submersible pumps. Maximum conductor operating temperature of 75° C in circuits not exceeding 600V.

Standard Color Code:
Black, Red, Yellow

UL Multi-Conductor PVC Insulated & Jacketed

THERMOSTAT CABLE



ISOTEC PART NUMBER	NO. OF COND.	NOM. INSUL. THK. INCHES	JKT. THK. INCHES	NOM. OD. INCHES	WEIGHT PER MFT.
202THST-01	2	.009	.020	.128	13
203THST-01	3	.009	.020	.149	17
204THST-01	4	.009	.020	.161	21
205THST-01	5	.009	.020	.170	26
206THST-01	6	.009	.020	.183	30
207THST-01	7	.009	.020	.190	34
208THST-01	8	.009	.020	.205	39
209THST-01	9	.009	.020	.215	43
2010THST-01	10	.009	.020	.225	47
2012THST-01	12	.009	.020	.250	57

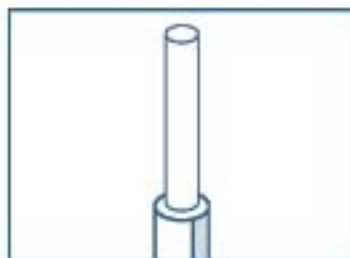
Applications

For use in low voltage circuits requiring a jacketed multi-conductor cable. UL listed as Type CL2 available. Consult your sales representative for your particular requirements.

Standard Color Code:
Chart IR1, brown jacket

UL 600V Single-Conductor PVC Insulated

UNDERGROUND FEEDER CABLE



ISOTEC PART NUMBER	AWG/STRANDING	INSUL. THK. INCHES	NOM. OD. INCHES	WEIGHT PER MFT.
181UF*	18 (SOLID)	.045	.134	13
161UF*	16 (SOLID)	.045	.144	17
141UF	14 (SOLID)	.060	.186	28
121UF	12 (SOLID)	.060	.205	37
101UF	10 (SOLID)	.060	.225	52
401UF19	8 (19 X .0295)	.080	.310	85
801UF19	6 (19 X .0372)	.080	.346	124
601UF19	4 (19 X .0469)	.080	.400	180

Applications

For use as described in Art. 339 of the NEC.

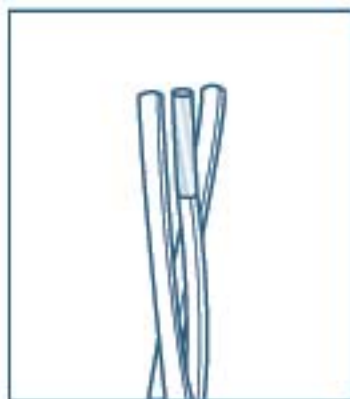
Standard put-ups:
500', 1000', 2500' & bulk

Standard Colors:
White, Red, Blue, Black, & Green

* 18AWG & 16AWG are not permitted to be UL listed as Type UF.

UL Direct Burial with Full or Reduced Ground

TWISTED POWER CABLE



ISOTEC PART NUMBER	NUMBER & SIZE OF CONDUCTORS	NOM. OD. INCHES	WEIGHT PER MFT.
803UFG	3 CONDUCTORS, 8AWG	.675	225
603UFG	3 CONDUCTORS, 6AWG	.750	372
403UFG	3 CONDUCTORS, 4AWG	.870	640
203UFG	3 CONDUCTORS, 2AWG	1.000	810
803UFRG	2 CONDUCTORS, 8AWG GROUND: 10AWG	.600	222
603UFRG	2 CONDUCTORS, 6AWG GROUND: 8AWG	.660	333
403UFRG	2 CONDUCTORS, 4AWG GROUND: 6AWG	.765	484
203UFRG	2 CONDUCTORS, 2AWG GROUND: 4AWG	.870	720

Applications

For use in circuits operating at 600V or less where an assembly of single conductor Type UF cables are required.

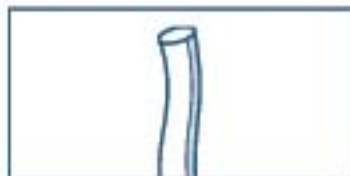
Standard put-ups:
500', 1000' & bulk

Standard Color Code:
White, Black, Green

Custom constructions, using various gage sizes and/or color combinations, can be made to customer specifications.

UL Bare Copper

GROUND WIRE



ISOTEC PART NUMBER	AWG/STRANDING	NOM. OD. INCHES	WEIGHT PER MFT.
W10000	10 (SOLID)	.101	33
W08350	8 (19 X .0295)	.144	50
W06300	6 (19 X .0372)	.181	82
W04350	4 (19 X .0469)	.235	129
W02350	2 (19 X .0591)	.296	205

Applications

For use where an uninsulated bare copper conductor is required for grounding applications.

Color Code Chart IR1

CONDUCTOR	1	2	3	4	5	6	7	8	9	10	11	12	13
COLOR	RED	WHITE	GREEN	BLUE	YELLOW	BROWN	ORANGE	BLACK	PINK	GRAY	TAN	PURPLE	CLEAR

ISOTEC INC.

QUALITY WIRE AND CABLE

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Isotec

Founded in 1991, Isotec began on the premise of a commitment to manufacturing high quality products, excellence in customer service, innovation in design and engineering, and on-time delivery. Isotec's success in achieving these goals led us to constant growth. In July of 1996, Isotec moved to its state-of-the-art facility in Des Plaines, Illinois. This move allowed us to continuously grow and meet our commitment to the demanding roles of leadership in the wire and cable industry.

Service

Isotec prides itself on our excellent customer service. We take the time to ensure that our quality products get delivered in a timely matter. Isotec not only responds quickly to our customers needs, but we are also proud to mention that they are our top priority. That is why Isotec commits to customer satisfaction through serving the East and West coasts with business hours from 7:30am - 6:30pm.

High Quality Products

Isotec understands the necessity of a high quality product. All of Isotec's wire and cable is made from the finest materials; our plant is equipped with the latest in high-tech computer equipment with ability to produce SPC data; and our staff consists of professionals trained in the latest standards and procedures of strict quality control. Isotec believes in making it right the first time, every time.

Quality
Understanding
Awareness
Leadership
Improvement
Teamwork
Yield

Satisfaction
Ethics
Reliability
Value
Integrity
Commitment
Experience

Our **Quest** for quality and continuous improvements drive Isotec to a better **Understanding** of our customer's expectations. We also strive for an environment of **Awareness** throughout the entire organization. Isotec's **Leadership** continues to recognize the importance of quality and commitment to the **Improvements** of our plants systems, processes and services. **Teamwork** at Isotec will continue to **Yield** positive results, and fulfill our mission to deliver quality products on time.

Our customer's level of **Satisfaction** is equally important. Through an **Ethical** approach to our customers and business, Isotec earned its reputation for providing a **Reliable** and **Valuable** product on a timely basis with a reasonable price. **Integrity**, **Commitment**, and the **Experience** of our staff, leads Isotec to pursue its growth and development towards world competitive performance.

Gary Geppert



President, Isotec, Inc.

