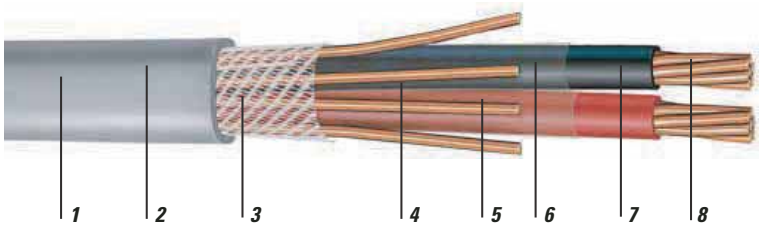
UNITED COPPER INDUSTRIES
COPPER BUILDING WIRE & CABLE PRODUCTS

SE CABLE



Type SE Cable Style U THHN or THWN CDRS 600 volts

Applications

For above ground electrical service use from the electric utility power service point to the meter or service entrance panel. Under special conditions as permitted, the NEC Type SE Style U can be used for interior wiring as branch circuits to ranges, ovens, cooking units or clothes dryers. This cable is manufactured in accordance with Article 338 of the NEC and meets the requirements of Underwriters Laboratories Standard 854. Type SE Style U is approved for installation in accordance with Article 230 of the NEC and has a voltage rating of 600 volts.

Features

1. **SURFACE MARKING**
   The jacket surface is ink printed "TYPE SE CABLE STYLE U THHN OR THWN CDRS 600 VOLTS E73061 2 CDRS (SIZE) CU 1 CDR (SIZE) CU (UL)."

2. **OVERALL JACKET**
   Extruded protective grey PVC jacket over the taped assembly in accordance with UL Standard 854.

3. **ASSEMBLY**
   Conductors are parallel with the concentric neutral conductor cabled around the conductor assembly. A fiberglass reinforced tape is applied overall.

4. **CONCENTRIC NEUTRAL**
   Bare soft copper, evenly distributed and helically applied over the insulated conductors so as to produce the equivalent AWG size required by UL 854.

5. **CIRCUIT IDENTIFICATION**
   One conductor black, and one conductor red (or black with a red stripe).

6. **CONDUCTOR JACKET**
   Clear nylon sheath meeting the requirements of UL 83 for THHN or THWN.

7. **INSULATION**
   High dielectric strength, heat and moisture resistant black or colored polyvinylchloride (PVC) rated for continuous use at 90˚C dry; 75˚C wet meeting the requirements of UL 83 for THHN or THWN wire.

8. **CONDUCTORS**
   Bare soft copper per ASTM B 3, Class B concentrically stranded per ASTM B 8.

Part Number	Power Conductor AWG (Stranding)	Grounding Conductor AWG	Ampacity 1	Ampacity 2	Nominal Cable O.D.in (mm)	Standard Coils feet	Package NR Reels feet	Approximate Cable Weight Lbs/Mft (Kg/Km)
378000	8-7/0486	8	55	–	.400 x .625 (10.1 x 15.9)	250	500	219 (326)
378006	6-7/0612	8	75	–	.440 x .700 (11.2 x 17.8)	200	500	290 (432)
378011	6-7/0612	6	75	–	.445 x .705 (11.3 x 17.9)	150	500	319 (475)
378021	4-7/0772	4	95	100	.540 x .870 (13.7 x 22.1)	150	500	494 (735)
378016	4-7/0772	6	95	100	.515 x .850 (13.1 x 21.6)	150	500	445 (662)
378031	3-7/0867	3	110	110	.605 x .970 (15.4 x 24.6)	150	500	609 (906)
378026	3-7/0867	5	110	110	.570 x .930 (14.5 x 23.6)	150	500	547 (814)
378036	2-7/0974	4	130	125	.600 x 1.000 (15.2 x 25.4)	100	500	668 (994)
378041	2-7/0974	2	130	125	.640 x 1.030 (16.3 x 26.2)	100	500	745 (1109)
378061	1-19/0664	1	150	150	.720 x 1.180 (18.3 x 30.0)	–	500	941 (1400)
378051	1/0-19/0745	1/0	170	175	.740 x 1.240 (18.8 x 31.5)	–	500	1157 (1722)
378046	2/0-19/0837	2/0	195	200	.810 x 1.350 (20.6 x 34.3)	–	250	1431 (2129)
378056	3/0-19/0940	3/0	225	225	.890 x 1.480 (22.6 x 37.6)	–	250	1775 (2641)

Ampacity 1–Based upon 2002 National Electrical Code, 90˚C Dry Rating Copper Conductor.
Ampacity 2–Three Wire, Single-Phase Dwelling Services.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

Ratings

UL Standard 854
UL Standard 83
National Electrical Code Articles 338 & 230